

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045728.D
 Acq On : 11 Apr 2025 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2025
 Supervised By : Mahesh Dadoda 04/11/2025

Quant Time: Apr 11 11:16:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	79794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80388	55.090	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.180%			
35) Dibromofluoromethane	5.385	113	55315	51.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.520%			
50) Toluene-d8	8.647	98	188628	50.571	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	73804	54.322	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61406	51.458	ug/l	98
3) Chloromethane	1.301	50	61017	49.772	ug/l	98
4) Vinyl Chloride	1.374	62	56661	50.503	ug/l	97
5) Bromomethane	1.593	94	23283	43.768	ug/l	97
6) Chloroethane	1.660	64	27012	45.380	ug/l	98
7) Trichlorofluoromethane	1.867	101	86840	51.906	ug/l	100
8) Diethyl Ether	2.136	74	29372	52.293	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	50657	51.673	ug/l	96
10) Methyl Iodide	2.441	142	62684	51.263	ug/l	98
11) Tert butyl alcohol	2.989	59	56764	289.453	ug/l	99
12) 1,1-Dichloroethene	2.306	96	48942	51.092	ug/l	98
13) Acrolein	2.239	56	72705	269.223	ug/l	98
14) Allyl chloride	2.654	41	89901	49.463	ug/l	100
15) Acrylonitrile	3.062	53	163337	263.854	ug/l	99
16) Acetone	2.386	43	161309	269.208	ug/l	99
17) Carbon Disulfide	2.502	76	98970	41.831	ug/l	99
18) Methyl Acetate	2.703	43	84366	61.154	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	187252	55.880	ug/l	100
20) Methylene Chloride	2.782	84	57817	51.541	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	48671	49.733	ug/l	99
22) Diisopropyl ether	3.763	45	197450	55.149	ug/l	98
23) Vinyl Acetate	3.721	43	847196	273.875	ug/l	100
24) 1,1-Dichloroethane	3.605	63	105815	52.259	ug/l	99
25) 2-Butanone	4.562	43	241345	275.161	ug/l	99
26) 2,2-Dichloropropane	4.471	77	38849	29.696	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	62045	52.038	ug/l	96
28) Bromochloromethane	4.897	49	51798	52.937	ug/l	99
29) Tetrahydrofuran	5.007	42	151381	266.209	ug/l	100
30) Chloroform	5.086	83	111393	53.465	ug/l	100
31) Cyclohexane	5.458	56	89059	49.753	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	95388	54.107	ug/l	98
36) 1,1-Dichloropropene	5.690	75	69552	48.204	ug/l	99
37) Ethyl Acetate	4.715	43	91166	50.138	ug/l	99
38) Carbon Tetrachloride	5.666	117	79620	51.059	ug/l	98
39) Methylcyclohexane	7.373	83	84142	47.574	ug/l	96
40) Benzene	6.031	78	216443	49.117	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	52721	54.953	ug/l	99
42) 1,2-Dichloroethane	6.080	62	93904	51.594	ug/l	100
43) Isopropyl Acetate	6.342	43	146115	53.019	ug/l	99
44) Trichloroethene	7.123	130	50284	48.009	ug/l	100
45) 1,2-Dichloropropane	7.427	63	55676	50.638	ug/l	100
46) Dibromomethane	7.580	93	41926	49.674	ug/l	97
47) Bromodichloromethane	7.818	83	85277	50.593	ug/l	98
48) Methyl methacrylate	7.690	41	77367	54.372	ug/l	98
49) 1,4-Dioxane	7.665	88	28394	1102.926	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	492727	269.703	ug/l	100
52) Toluene	8.714	92	133436	50.042	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	69129	42.985	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	77213	48.747	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	53844	50.674	ug/l	96
56) Ethyl methacrylate	9.116	69	91819	55.837	ug/l	98
57) 1,3-Dichloropropane	9.305	76	95443	51.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	225685	271.299	ug/l	99
59) 2-Hexanone	9.433	43	368128	272.106	ug/l	100
60) Dibromochloromethane	9.519	129	60132	51.910	ug/l	97
61) 1,2-Dibromoethane	9.610	107	55625	51.714	ug/l	100
64) Tetrachloroethene	9.269	164	42069	45.129	ug/l	99
65) Chlorobenzene	10.079	112	143812	50.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	50236	51.286	ug/l	99
67) Ethyl Benzene	10.189	91	260091	51.472	ug/l	98
68) m/p-Xylenes	10.299	106	189024	102.851	ug/l	98
69) o-Xylene	10.640	106	95648	52.831	ug/l	99
70) Styrene	10.653	104	159921	53.519	ug/l	99
71) Bromoform	10.799	173	37849	51.750	ug/l #	98
73) Isopropylbenzene	10.957	105	250531	50.642	ug/l	100
74) N-amyl acetate	10.841	43	131775	55.685	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	88156	50.727	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73457m	48.760	ug/l	
77) Bromobenzene	11.195	156	56284	49.240	ug/l	96
78) n-propylbenzene	11.305	91	289688	50.838	ug/l	99
79) 2-Chlorotoluene	11.360	91	184861	50.746	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	211752	51.762	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17910	40.348	ug/l	96
82) 4-Chlorotoluene	11.451	91	209693	51.628	ug/l	99
83) tert-Butylbenzene	11.713	119	213042	52.602	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	213984	52.116	ug/l	99
85) sec-Butylbenzene	11.890	105	258819	52.030	ug/l	100
86) p-Isopropyltoluene	12.006	119	212754	51.877	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	103279	49.637	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	105015	49.784	ug/l	99
89) n-Butylbenzene	12.329	91	179944	50.598	ug/l	99
90) Hexachloroethane	12.536	117	37332	52.967	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	107558	51.994	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20549	56.539	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	60020	52.124	ug/l	99
94) Hexachlorobutadiene	13.725	225	23802	47.970	ug/l	98
95) Naphthalene	13.774	128	238555	55.671	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	64721	53.677	ug/l	98

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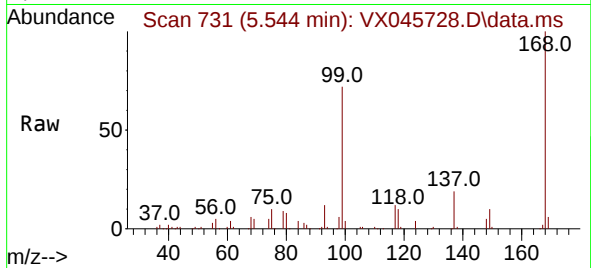
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045728.D
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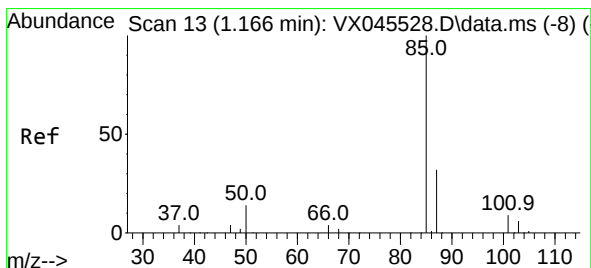
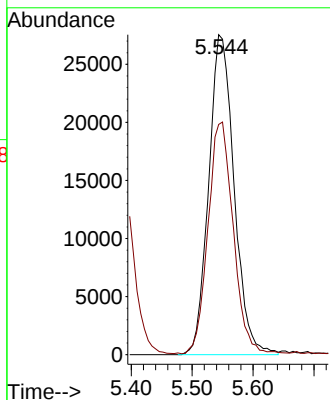
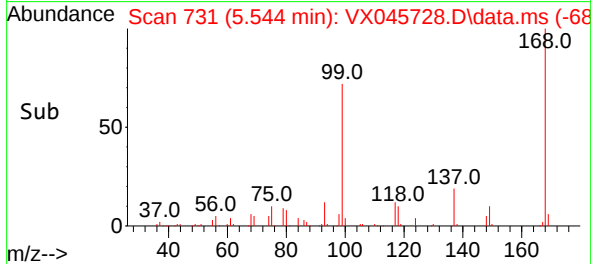
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 79794
Ion Ratio Lower Upper
168 100
99 71.4 52.3 78.5

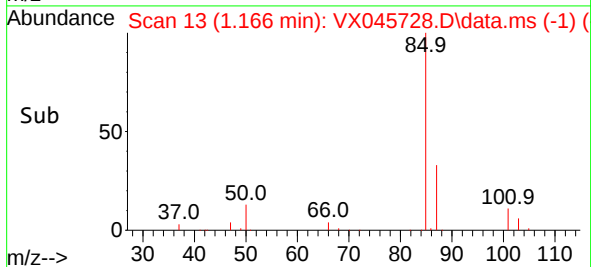
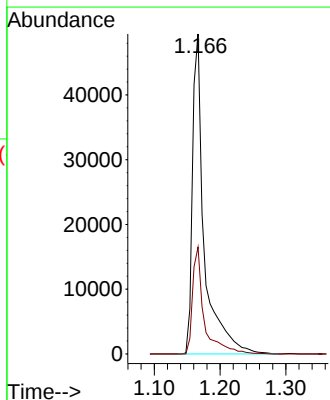
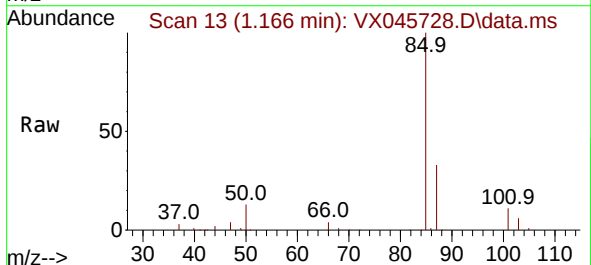
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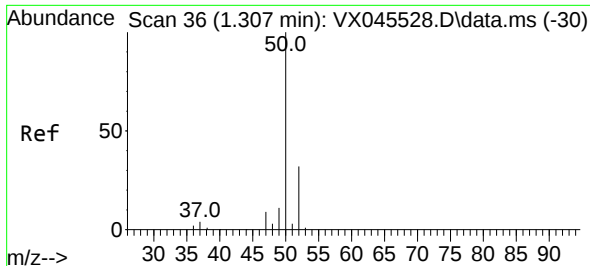
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#2
Dichlorodifluoromethane
Concen: 51.458 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 85 Resp: 61406
Ion Ratio Lower Upper
85 100
87 33.4 16.1 48.2





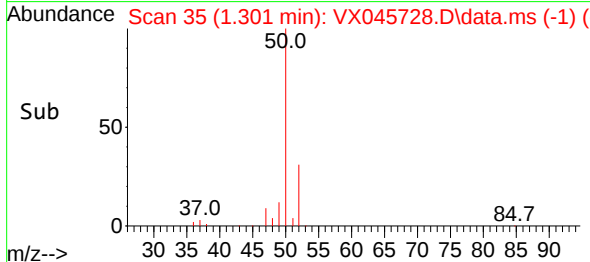
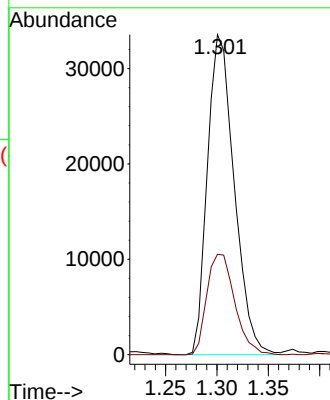
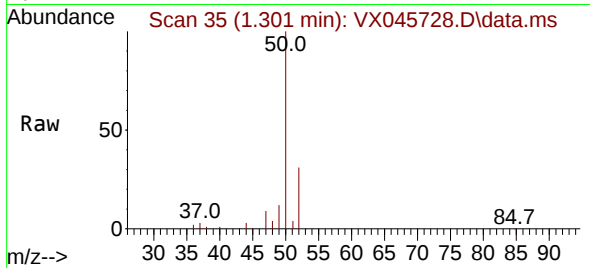
#3
Chloromethane
Concen: 49.772 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 6101
Ion Ratio Lower Upper
50 100
52 31.4 25.9 38.9

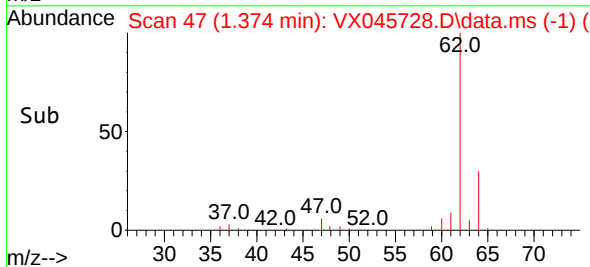
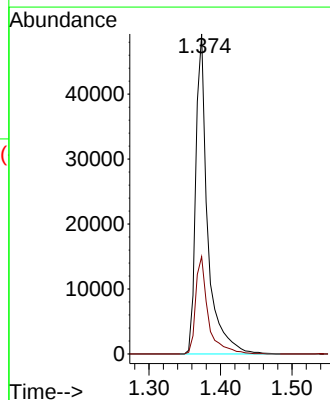
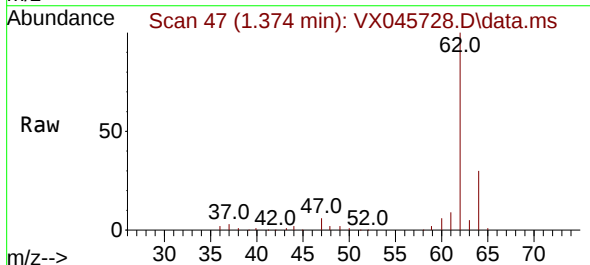
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#4
Vinyl Chloride
Concen: 50.503 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

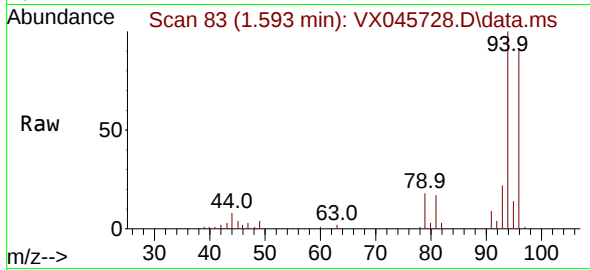
Tgt Ion: 62 Resp: 56661
Ion Ratio Lower Upper
62 100
64 30.4 25.5 38.3





#5
Bromomethane
Concen: 43.768 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

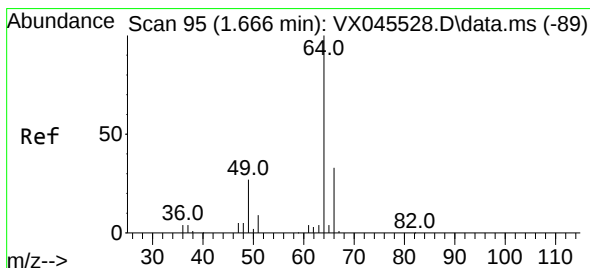
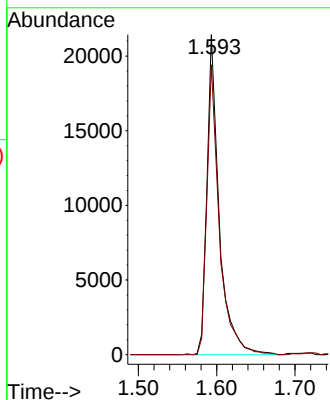
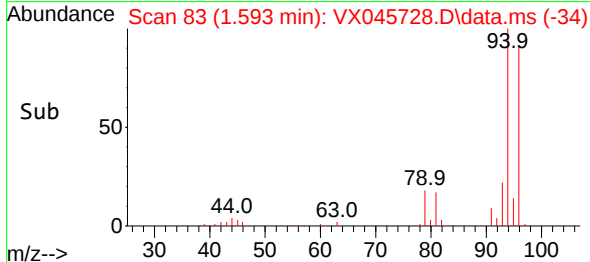
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 2328
Ion Ratio Lower Upper
94 100
96 90.6 74.8 112.2

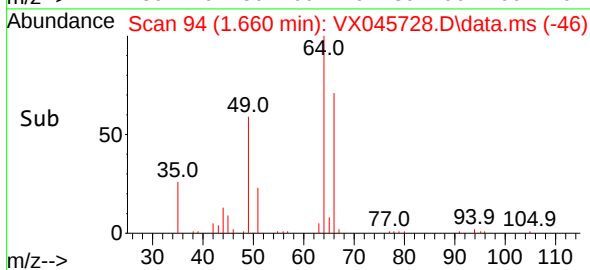
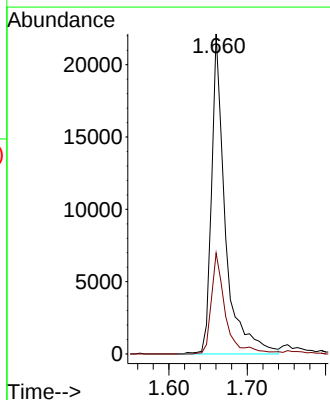
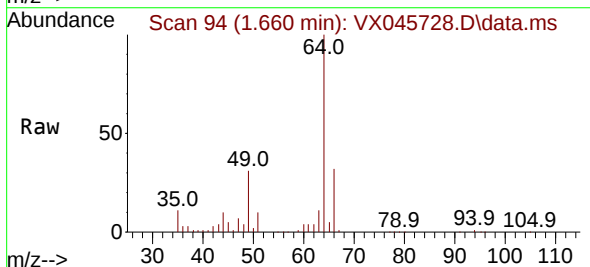
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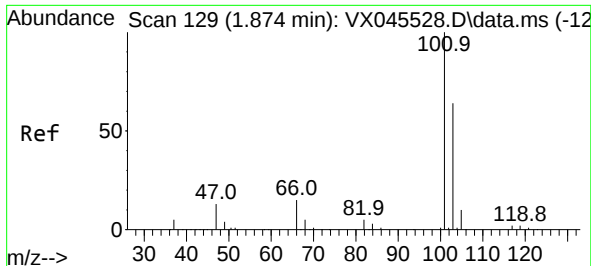
Reviewed By :John Carlone 04/11/2025
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#6
Chloroethane
Concen: 45.380 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

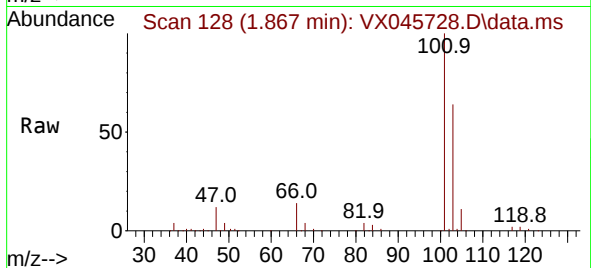
Tgt Ion: 64 Resp: 27012
Ion Ratio Lower Upper
64 100
66 31.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.906 ug/l
RT: 1.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

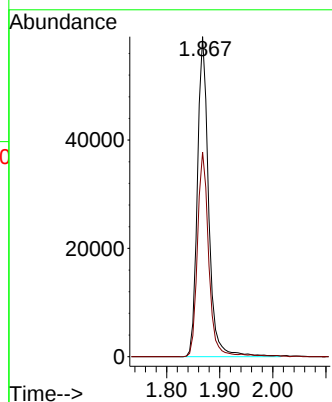
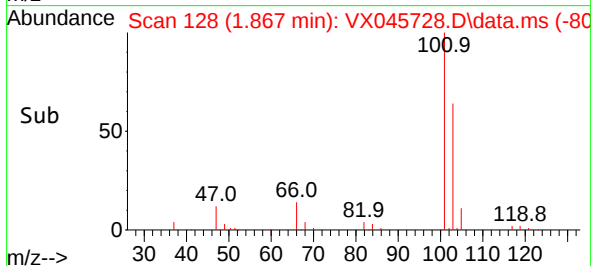
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Tgt Ion:101 Resp: 86840
Ion Ratio Lower Upper
101 100
103 64.0 51.1 76.7

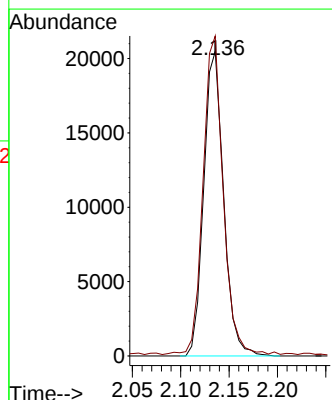
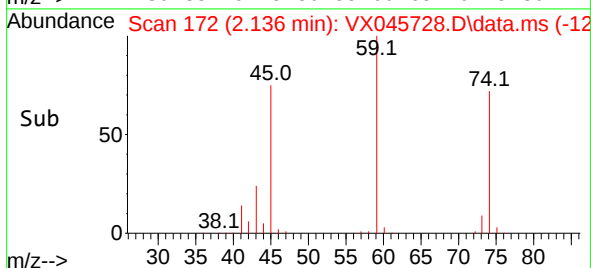
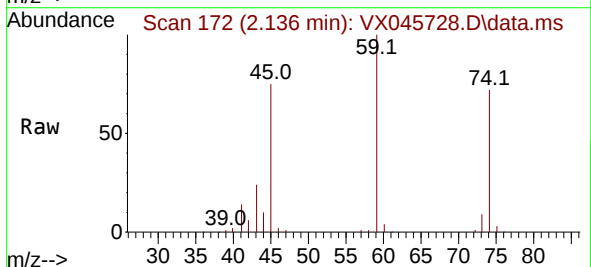
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#8
Diethyl Ether
Concen: 52.293 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 74 Resp: 29372
Ion Ratio Lower Upper
74 100
45 105.4 53.0 159.1





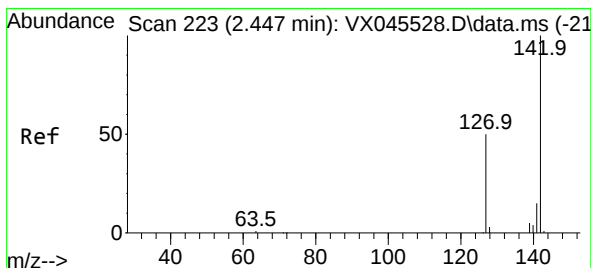
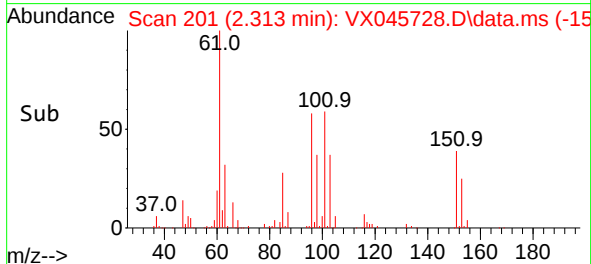
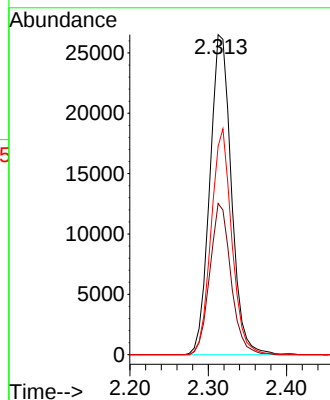
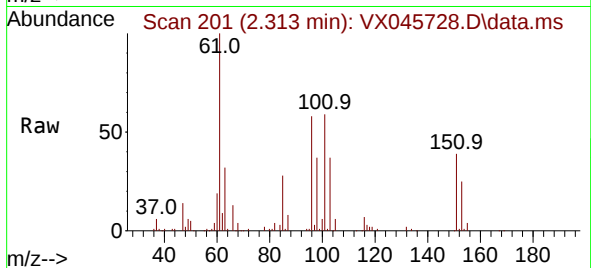
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.673 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.012 min
Lab File: VX045728.D
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Instrument :
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Tgt Ion:101 Resp: 5065
Ion Ratio Lower Upper
101 100
85 46.2 38.9 58.3
151 67.9 57.5 86.3

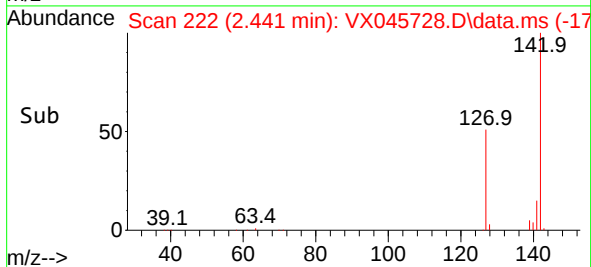
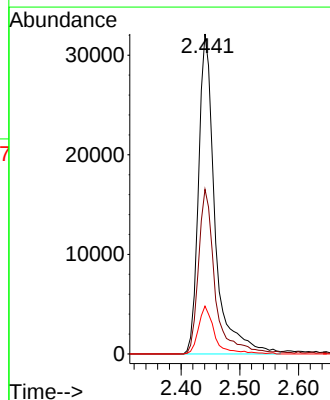
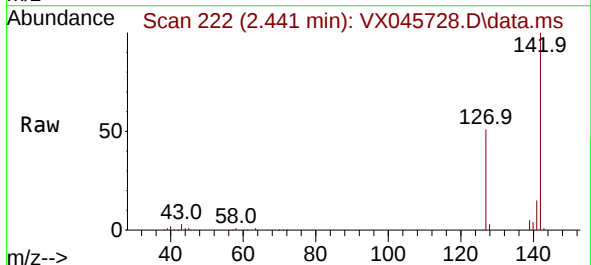
Manual Integrations
APPROVED

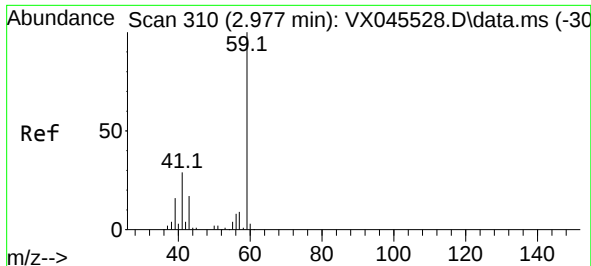
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#10
Methyl Iodide
Concen: 51.263 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

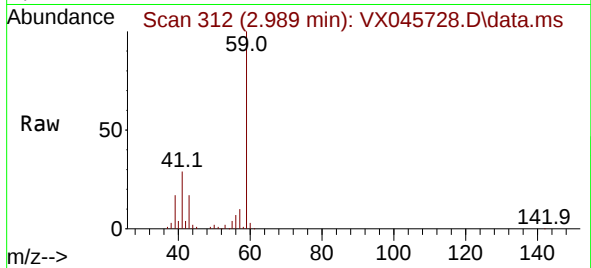
Tgt Ion:142 Resp: 62684
Ion Ratio Lower Upper
142 100
127 52.2 40.2 60.4
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 289.453 ug/l
RT: 2.989 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

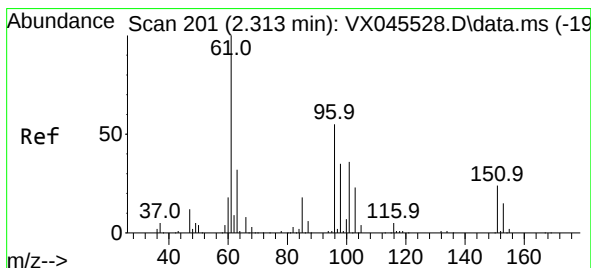
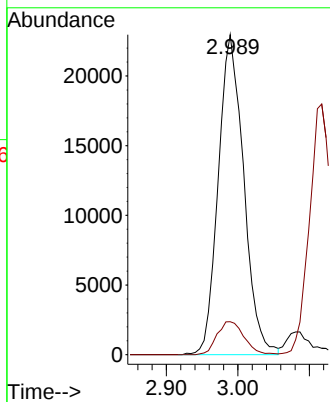
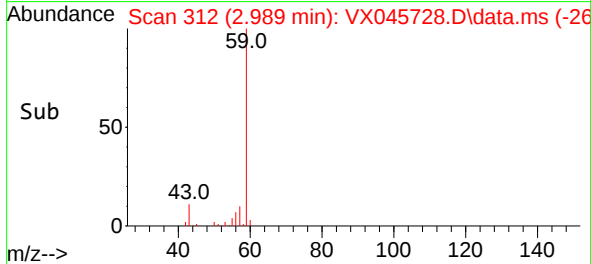
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 56764
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

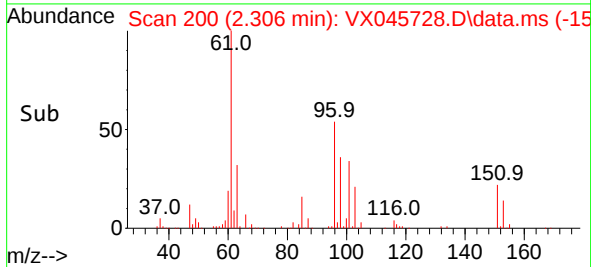
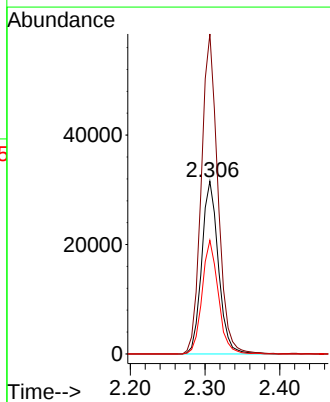
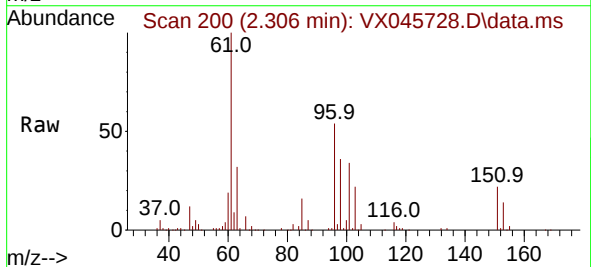
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#12
1,1-Dichloroethene
Concen: 51.092 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

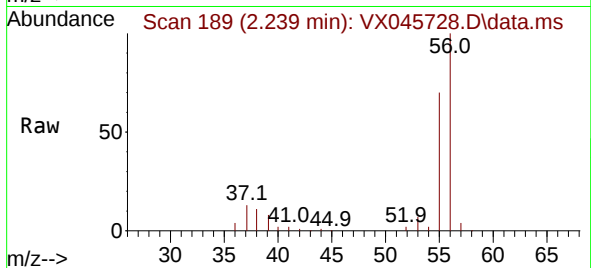
Tgt Ion: 96 Resp: 48942
Ion Ratio Lower Upper
96 100
61 185.4 145.7 218.5
98 65.8 51.6 77.4





#13
Acrolein
Concen: 269.223 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

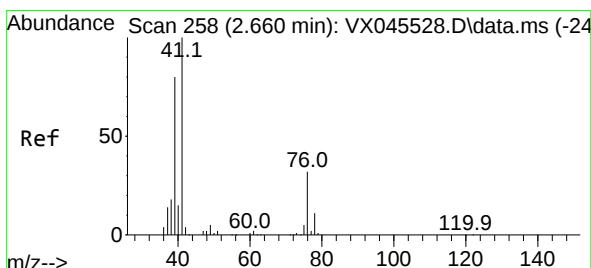
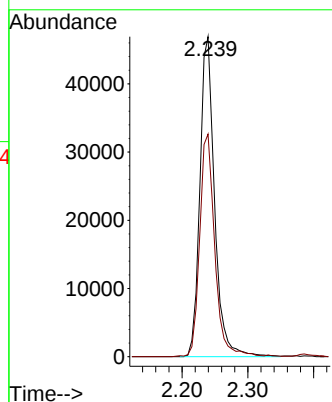
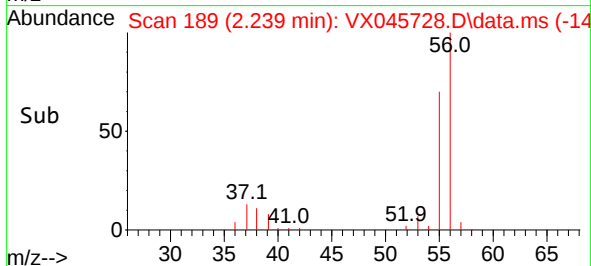
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7270
Ion Ratio Lower Upper
56 100
55 71.5 56.2 84.2

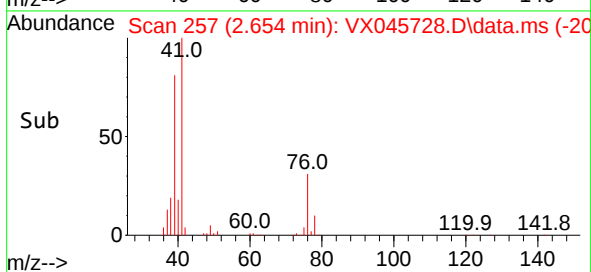
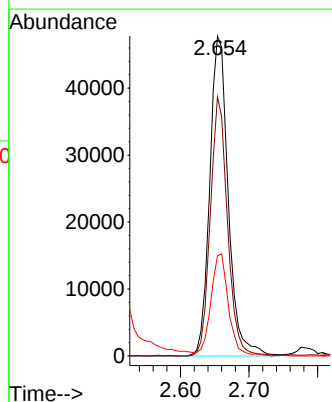
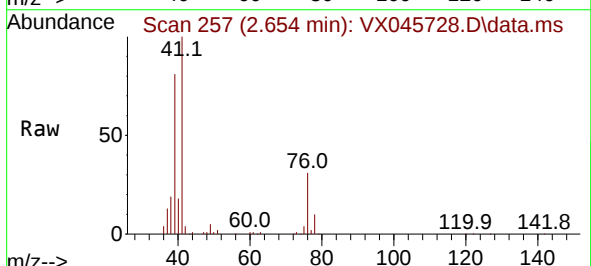
Manual Integrations
APPROVED

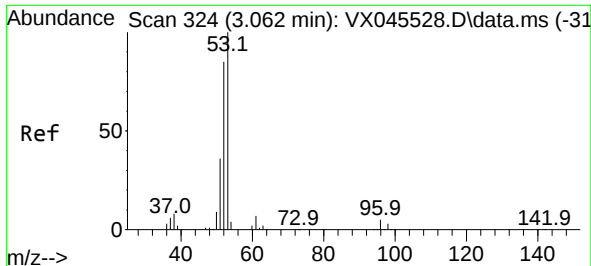
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#14
Allyl chloride
Concen: 49.463 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

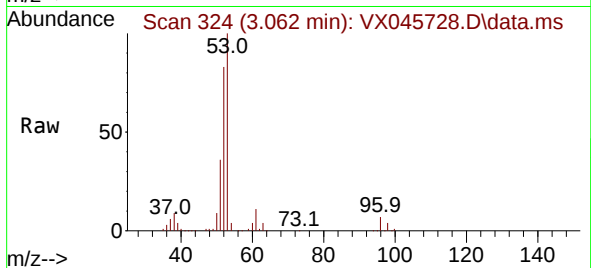
Tgt Ion: 41 Resp: 89901
Ion Ratio Lower Upper
41 100
39 75.0 60.2 90.2
76 30.4 24.6 36.8





#15
Acrylonitrile
Concen: 263.854 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

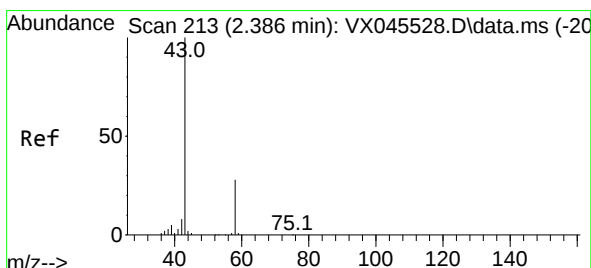
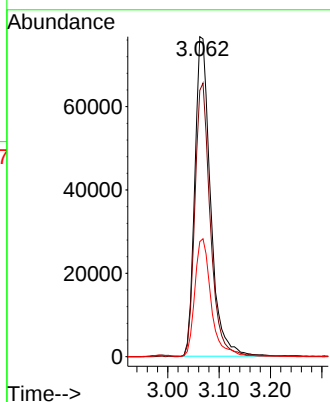
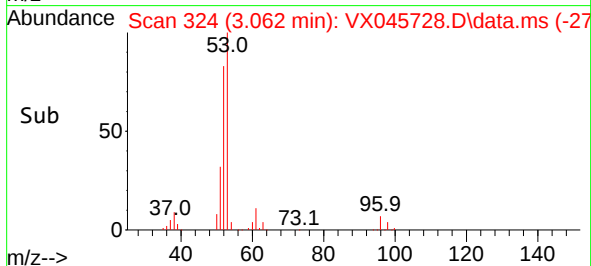
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



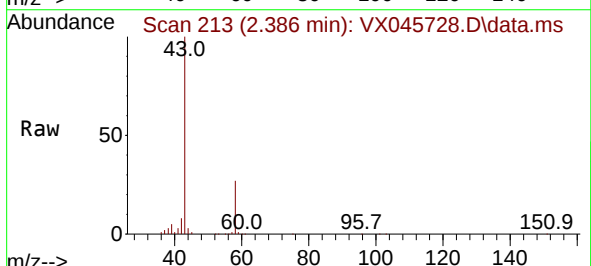
Tgt Ion: 53 Resp: 16333
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.2
51 38.2 29.9 44.9

Manual Integrations
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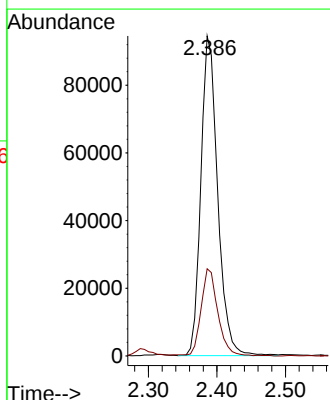
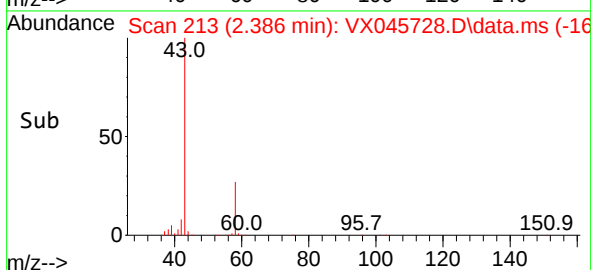
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

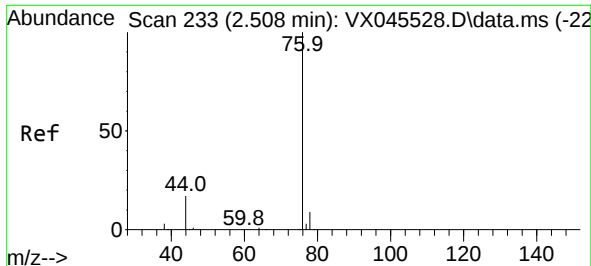


#16
Acetone
Concen: 269.208 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



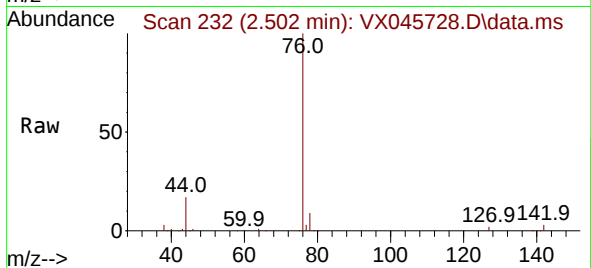
Tgt Ion: 43 Resp: 161309
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5





#17
Carbon Disulfide
Concen: 41.831 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

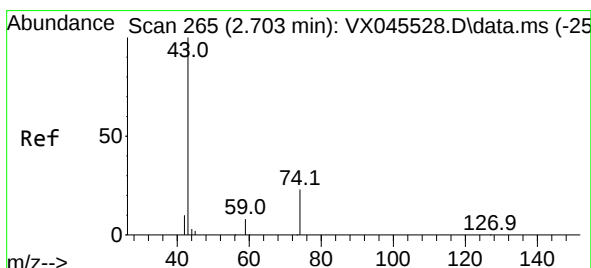
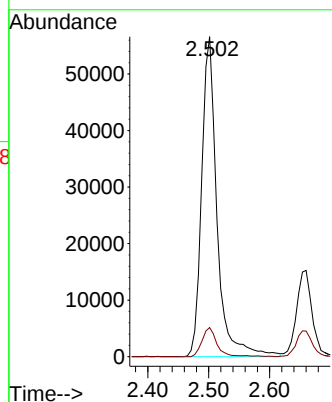
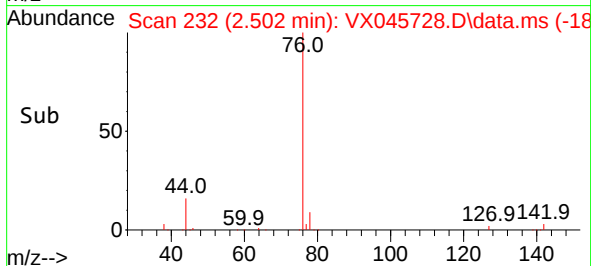
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 98970
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

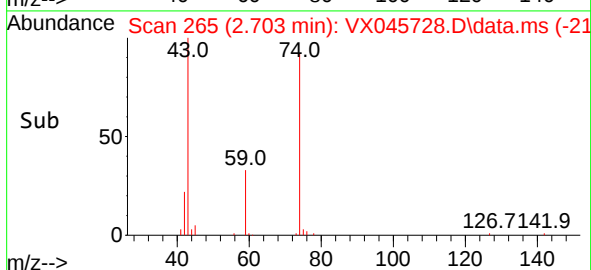
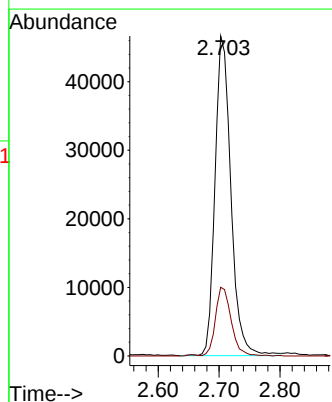
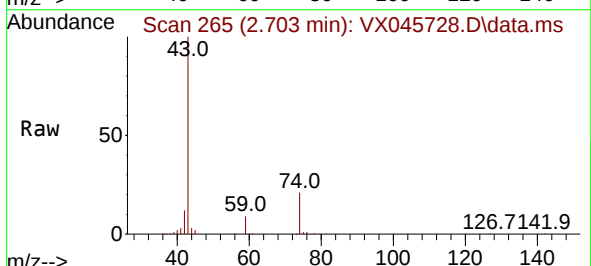
Manual Integrations
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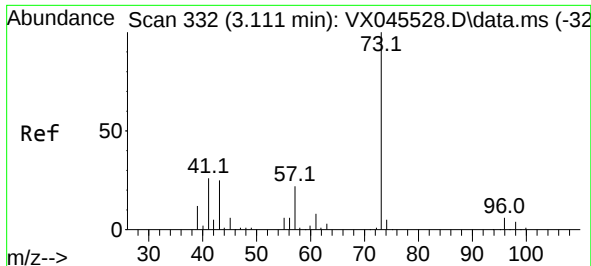
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#18
Methyl Acetate
Concen: 61.154 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 43 Resp: 84366
Ion Ratio Lower Upper
43 100
74 21.3 17.5 26.3





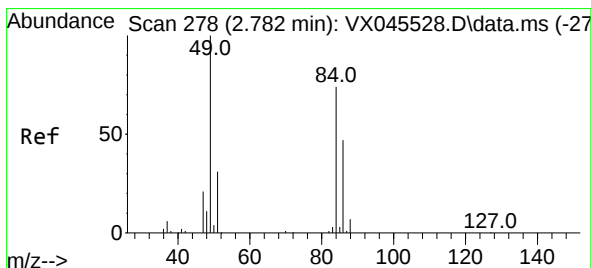
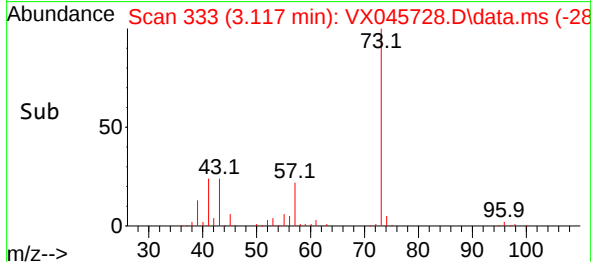
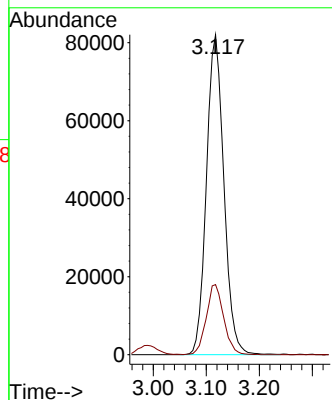
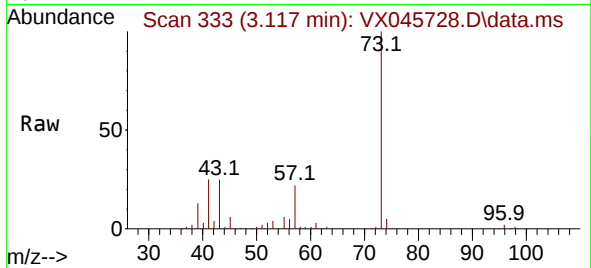
#19
Methyl tert-butyl Ether
Concen: 55.880 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 18725
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

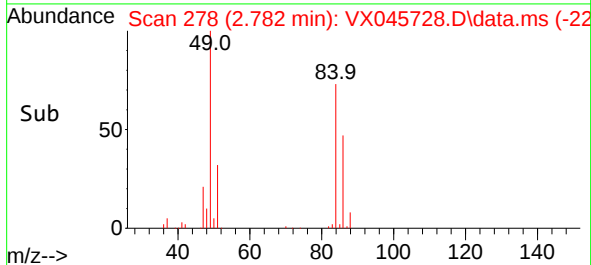
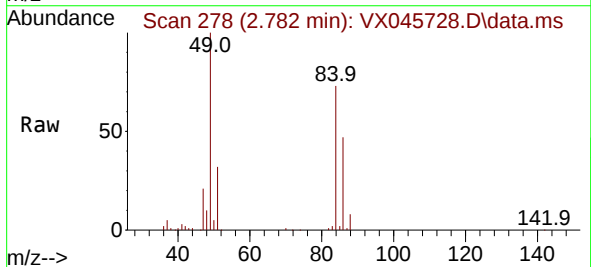
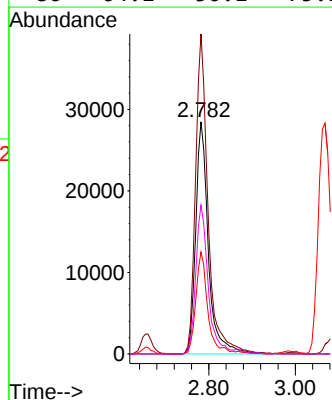
Manual Integrations
APPROVED

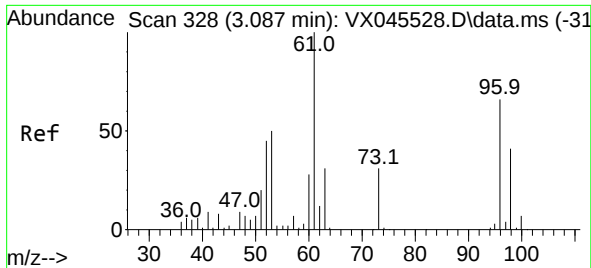
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#20
Methylene Chloride
Concen: 51.541 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

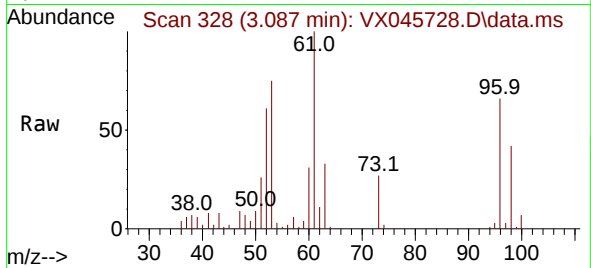
Tgt Ion: 84 Resp: 57817
Ion Ratio Lower Upper
84 100
49 137.8 107.5 161.3
51 43.9 33.0 49.6
86 64.1 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 49.733 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

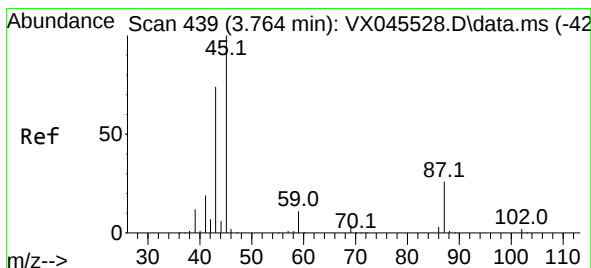
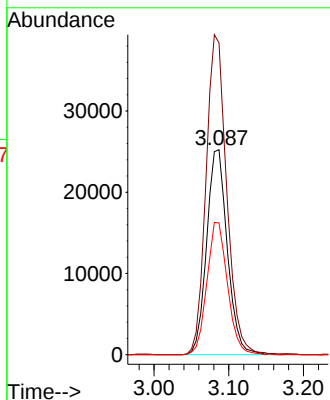
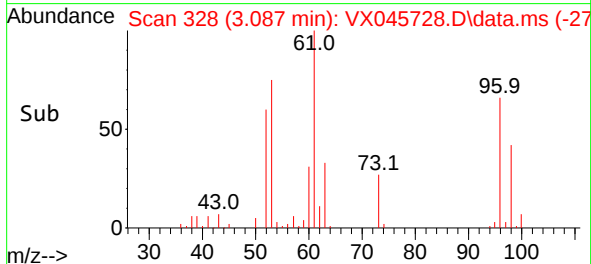
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 4867
Ion Ratio Lower Upper
96 100
61 152.1 121.0 181.6
98 64.3 49.7 74.5

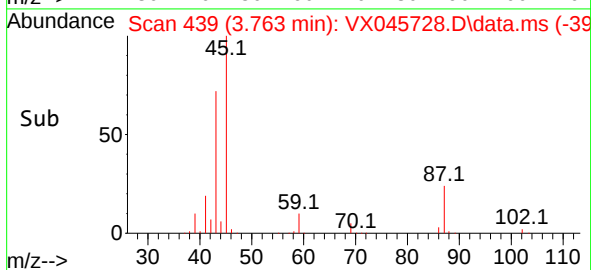
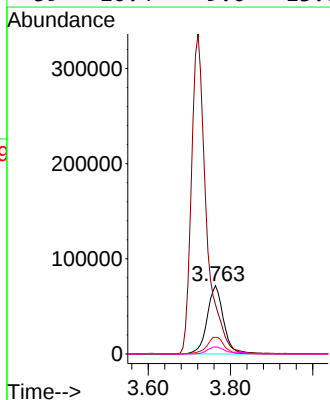
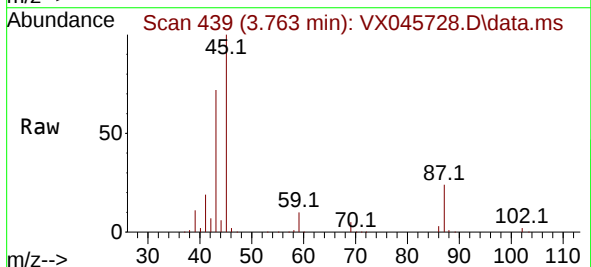
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#22
Diisopropyl ether
Concen: 55.149 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

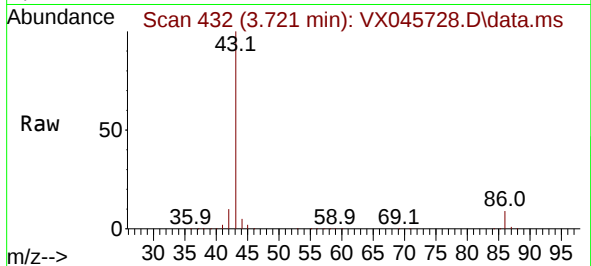
Tgt Ion: 45 Resp: 197450
Ion Ratio Lower Upper
45 100
43 72.3 59.3 88.9
87 24.4 20.4 30.6
59 10.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 273.875 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045728.D
 Acq: 11 Apr 2025 09:45

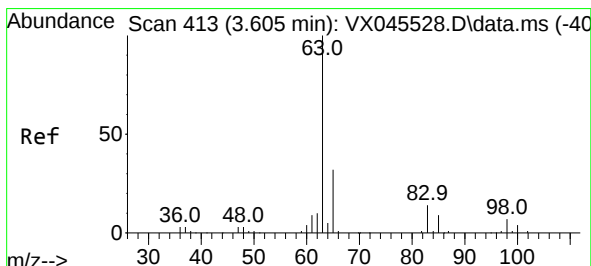
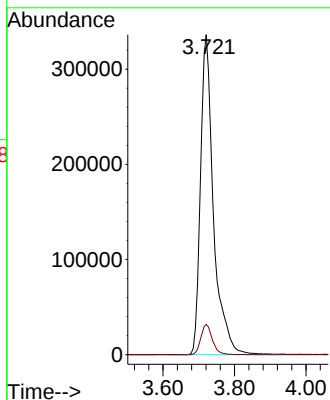
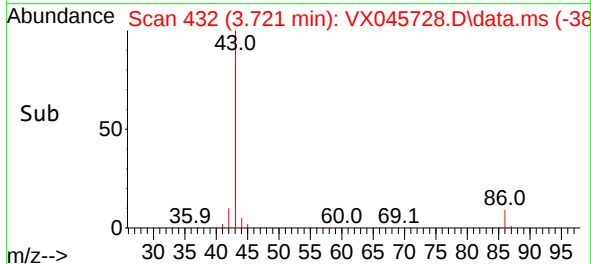
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



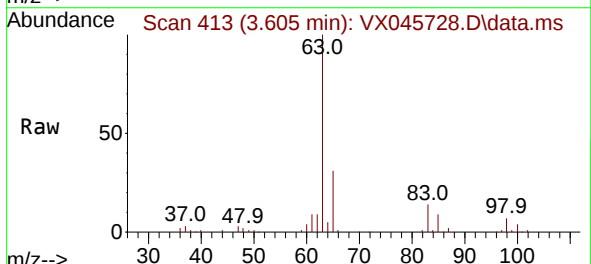
Tgt Ion: 43 Resp: 847190
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

Manual Integrations
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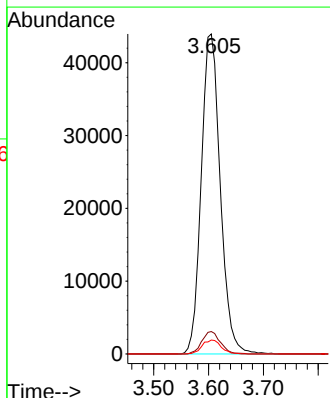
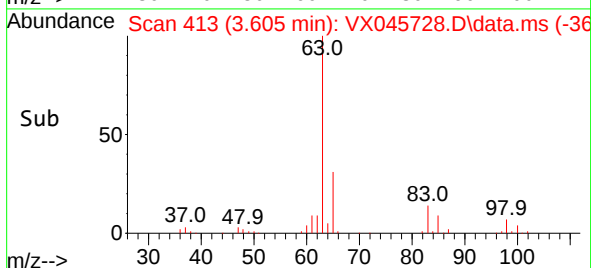
Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025

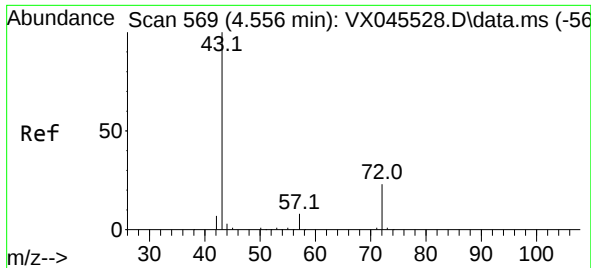


#24
 1,1-Dichloroethane
 Concen: 52.259 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045728.D
 Acq: 11 Apr 2025 09:45



Tgt Ion: 63 Resp: 105815
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.3 2.2 6.6





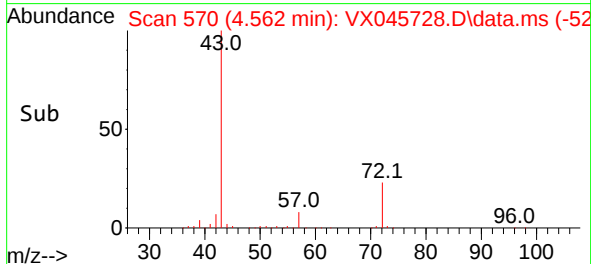
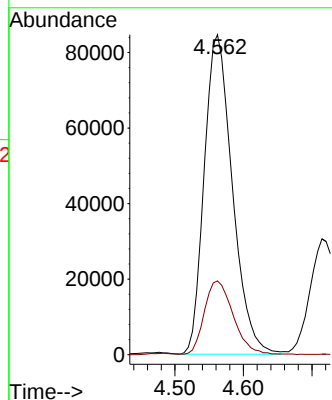
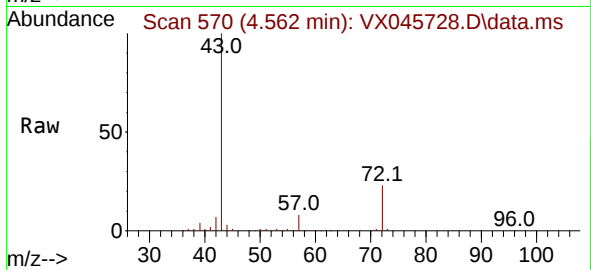
#25
2-Butanone
Concen: 275.161 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 24134
Ion Ratio Lower Upper
43 100
72 22.9 18.6 28.0

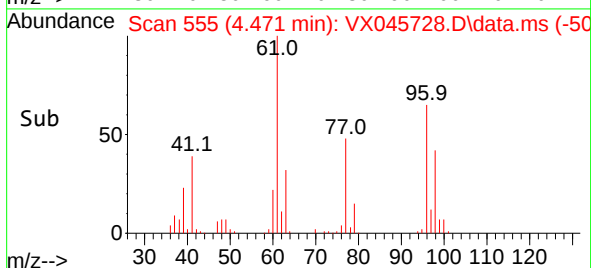
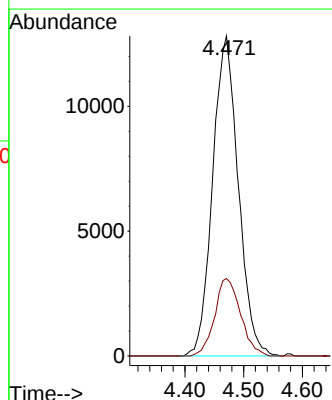
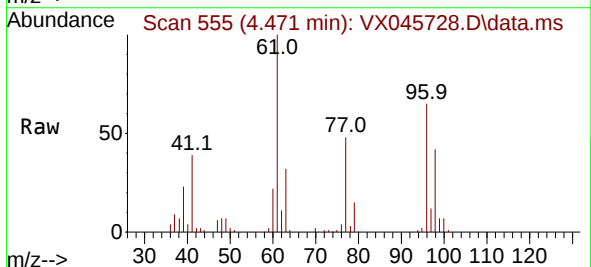
Manual Integrations
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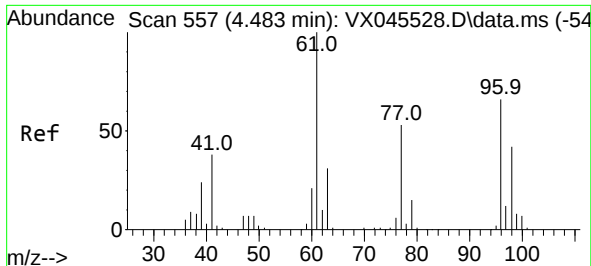
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#26
2,2-Dichloropropane
Concen: 29.696 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 77 Resp: 38849
Ion Ratio Lower Upper
77 100
97 24.4 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 52.038 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 6204

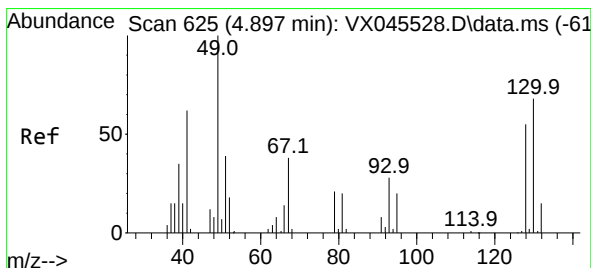
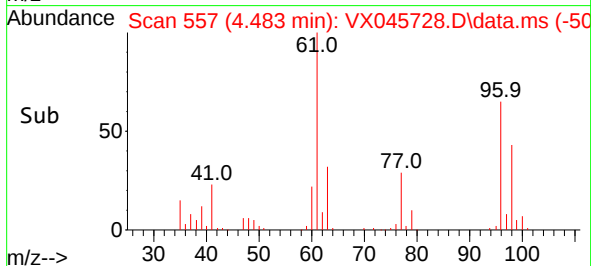
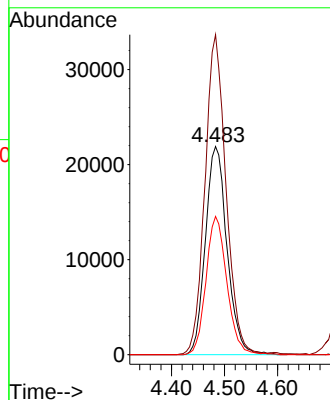
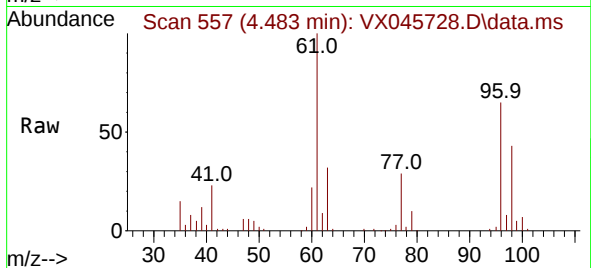
Ion	Ratio	Lower	Upper
96	100		
61	149.8	0.0	313.2
98	64.3	0.0	126.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#28

Bromochloromethane

Concen: 52.937 ug/l

RT: 4.897 min Scan# 625

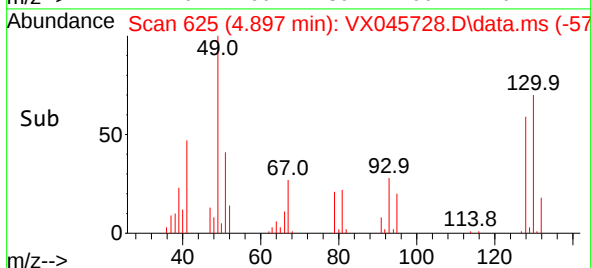
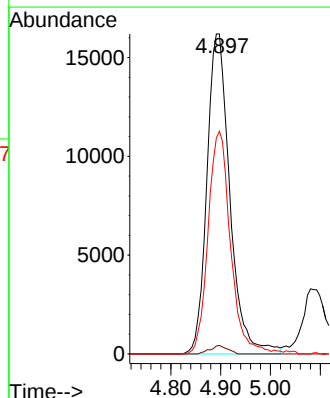
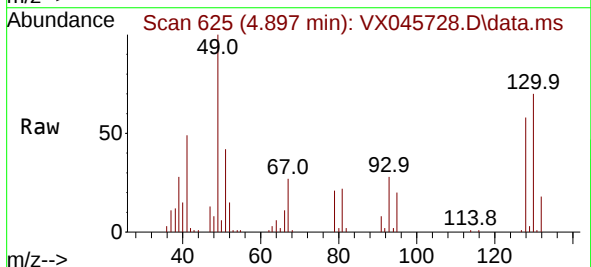
Delta R.T. 0.000 min

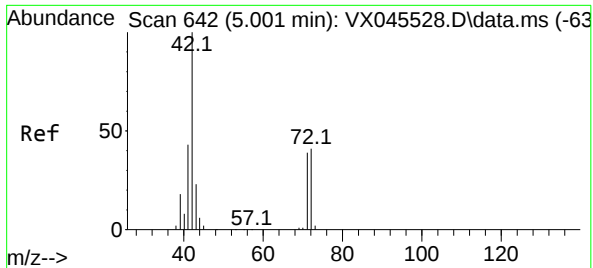
Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Tgt Ion: 49 Resp: 51798

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	67.5	54.6	81.8





#29

Tetrahydrofuran

Concen: 266.209 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15138

Ion Ratio Lower Upper

42 100

72 41.7 33.4 50.0

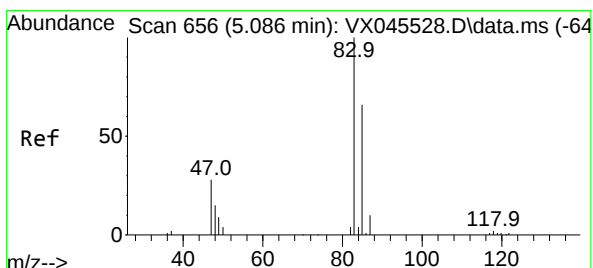
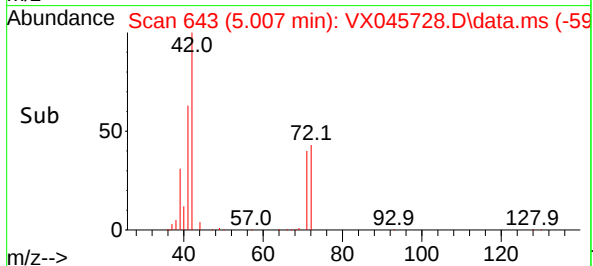
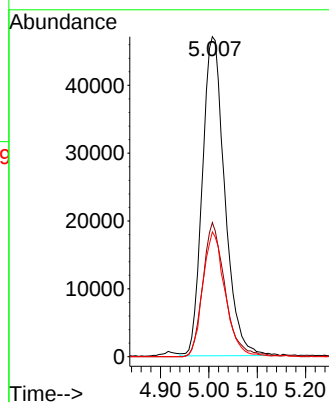
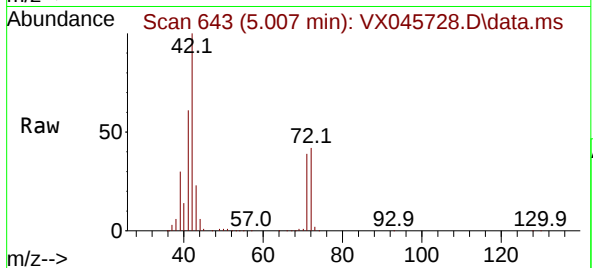
71 38.9 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#30

Chloroform

Concen: 53.465 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.000 min

Lab File: VX045728.D

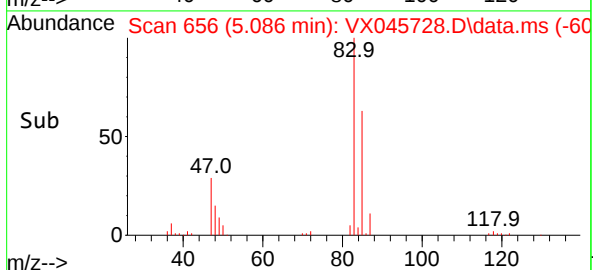
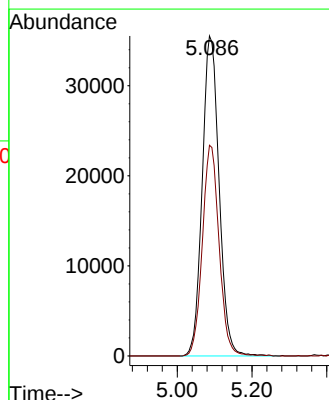
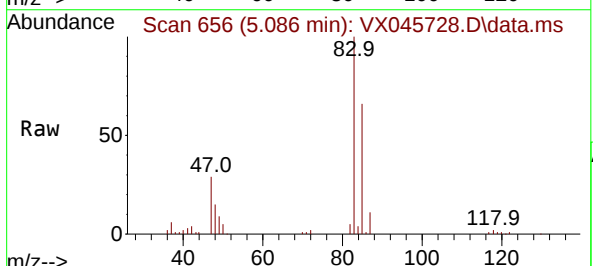
Acq: 11 Apr 2025 09:45

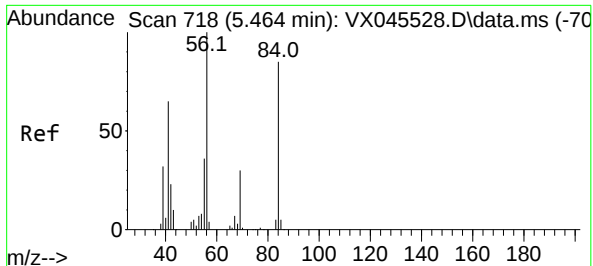
Tgt Ion: 83 Resp: 111393

Ion Ratio Lower Upper

83 100

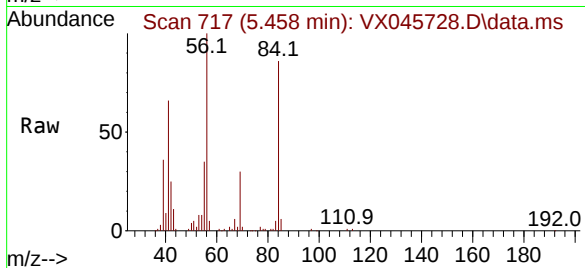
85 65.8 52.8 79.2





#31
Cyclohexane
Concen: 49.753 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

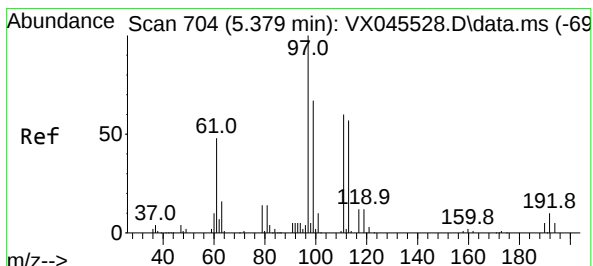
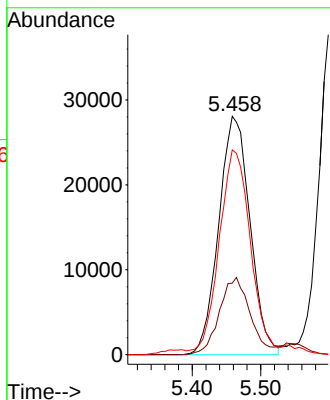
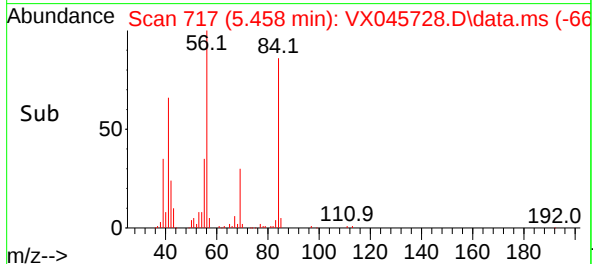
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 89059
Ion Ratio Lower Upper
56 100
69 30.0 23.6 35.4
84 84.0 67.7 101.5

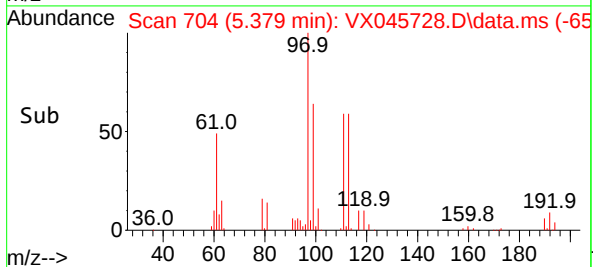
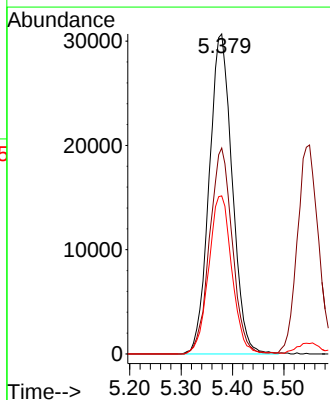
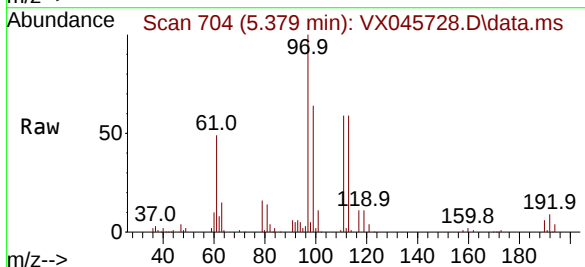
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#32
1,1,1-Trichloroethane
Concen: 54.107 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 97 Resp: 95388
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 50.0 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 55.090 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8038

Ion Ratio Lower Upper

65 100

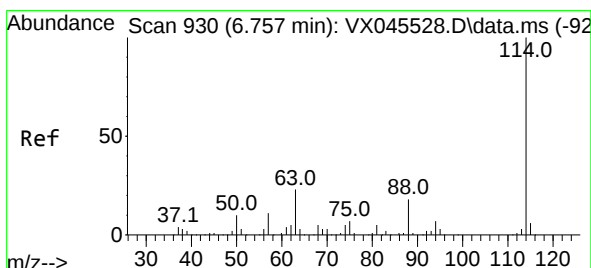
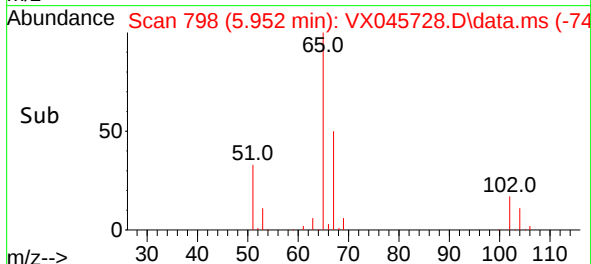
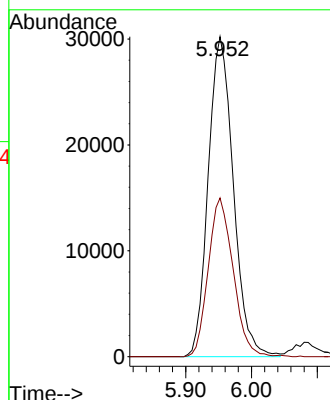
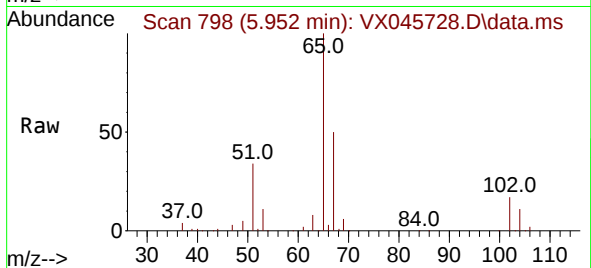
67 49.1 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

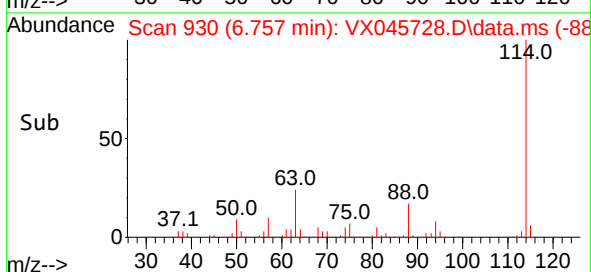
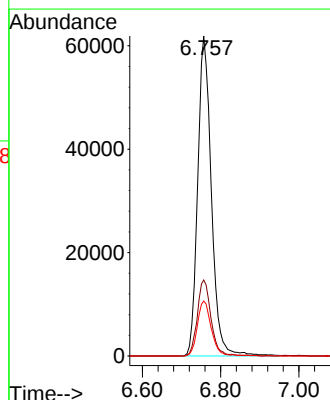
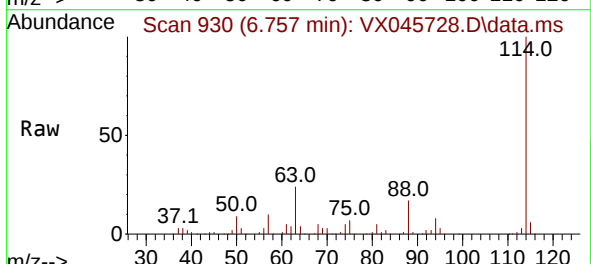
Tgt Ion:114 Resp: 150617

Ion Ratio Lower Upper

114 100

63 23.8 0.0 46.8

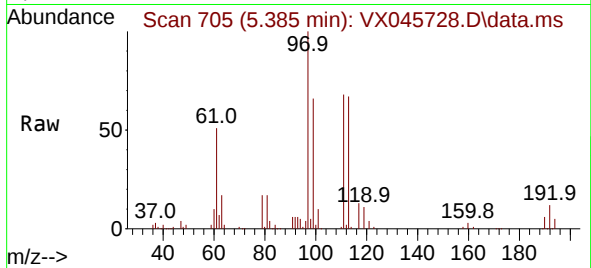
88 17.1 0.0 35.4





#35
Dibromofluoromethane
Concen: 51.763 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

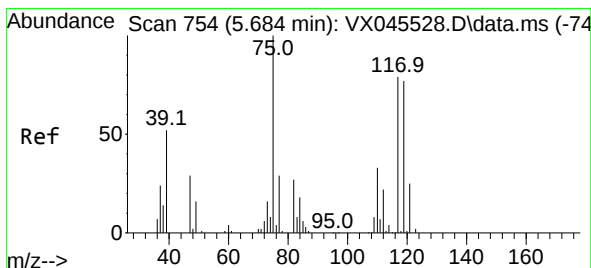
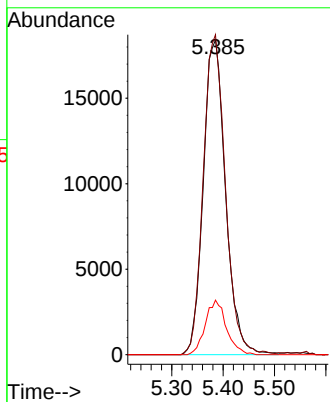
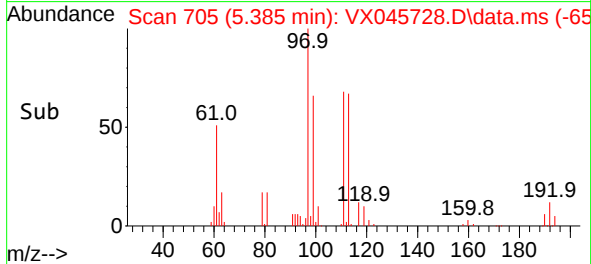
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 5531
Ion Ratio Lower Upper
113 100
111 100.7 81.8 122.6
192 16.4 13.8 20.6

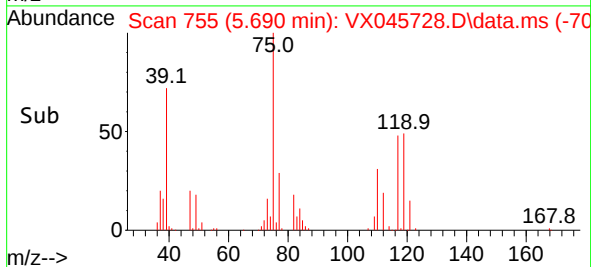
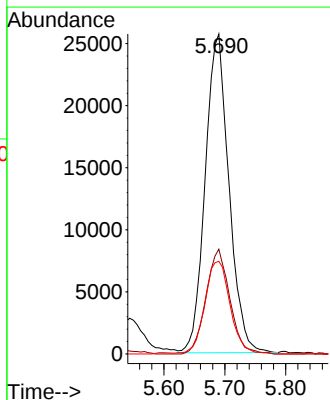
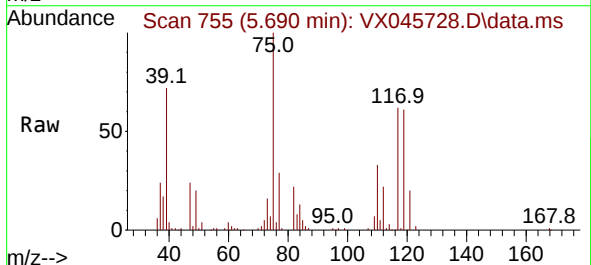
Manual Integrations
APPROVED

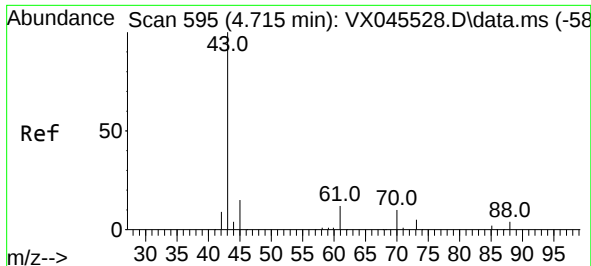
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#36
1,1-Dichloropropene
Concen: 48.204 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

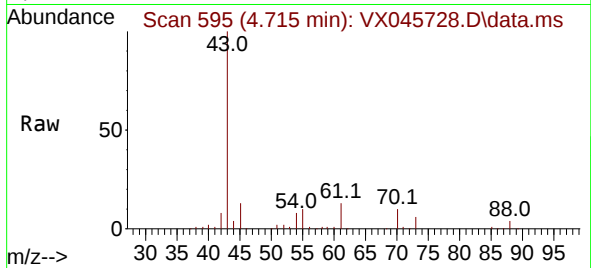
Tgt Ion: 75 Resp: 69552
Ion Ratio Lower Upper
75 100
110 32.9 16.9 50.6
77 31.0 25.0 37.4





#37
Ethyl Acetate
Concen: 50.138 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

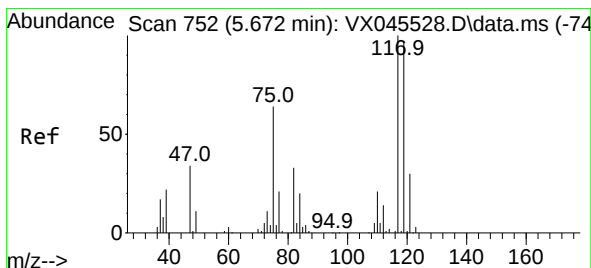
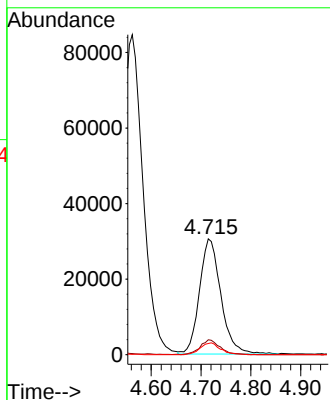
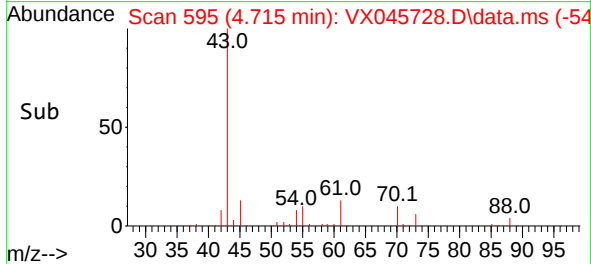
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 91160
Ion Ratio Lower Upper
43 100
61 12.0 9.9 14.9
70 9.6 7.5 11.3

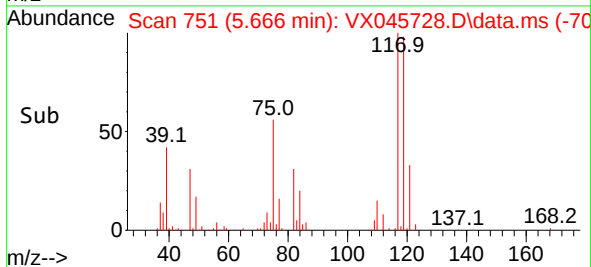
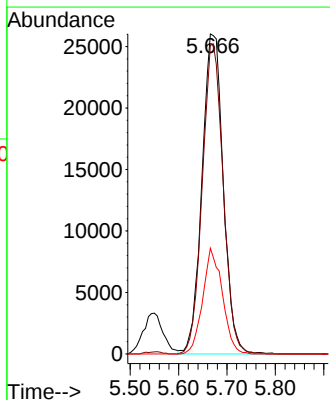
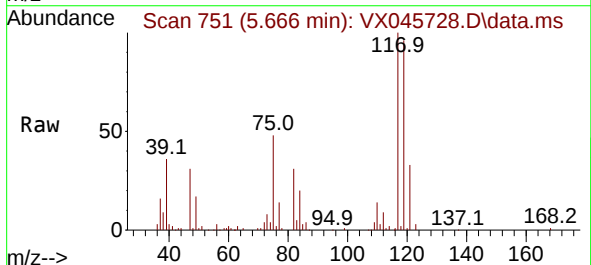
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#38
Carbon Tetrachloride
Concen: 51.059 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion:117 Resp: 79620
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3
121 33.1 24.2 36.2





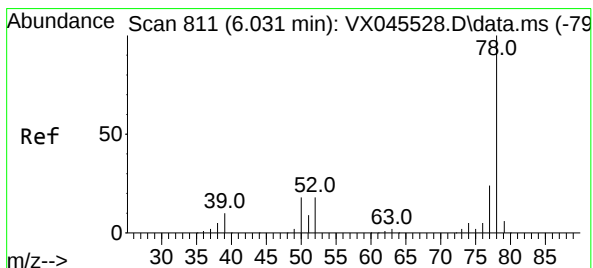
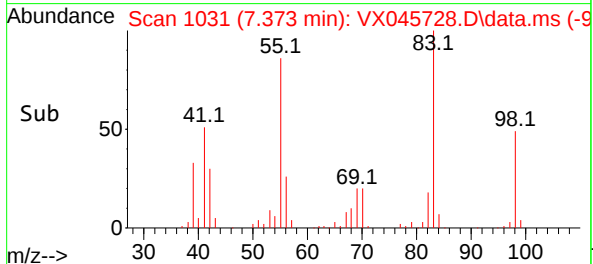
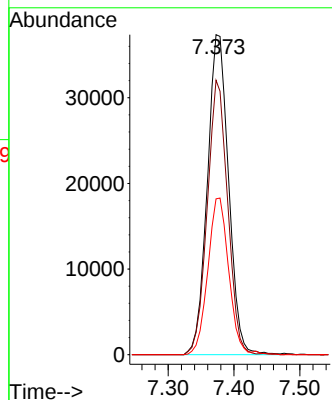
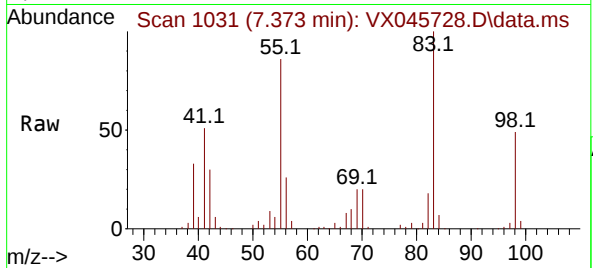
#39
Methylcyclohexane
Concen: 47.574 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8414
Ion Ratio Lower Upper
83 100
55 85.8 64.9 97.3
98 48.7 37.4 56.0

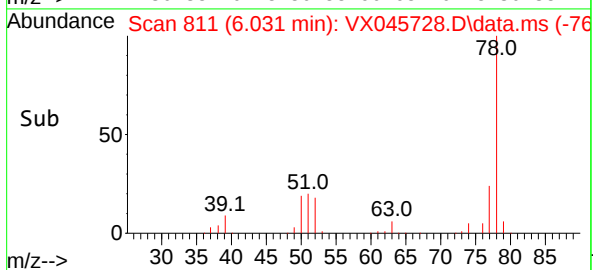
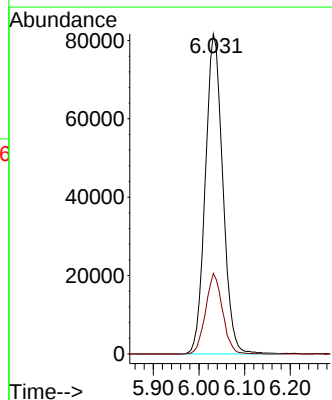
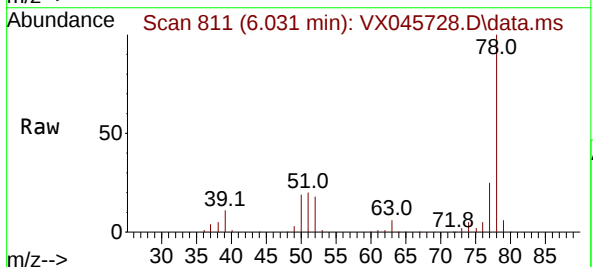
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#40
Benzene
Concen: 49.117 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 78 Resp: 216443
Ion Ratio Lower Upper
78 100
77 25.1 19.0 28.6





#41
Methacrylonitrile
Concen: 54.953 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

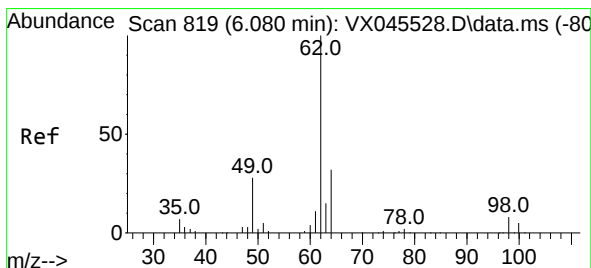
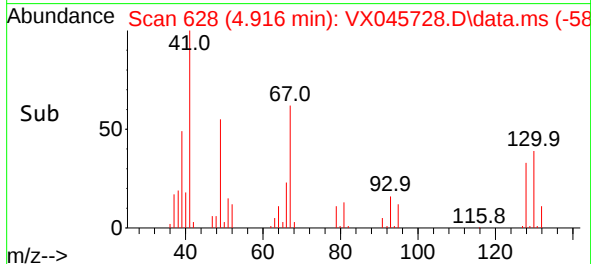
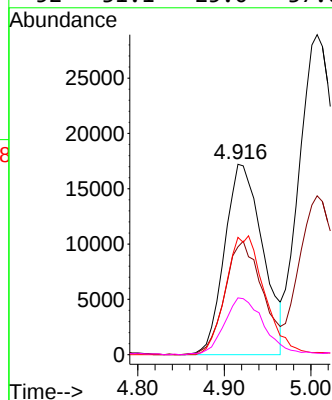
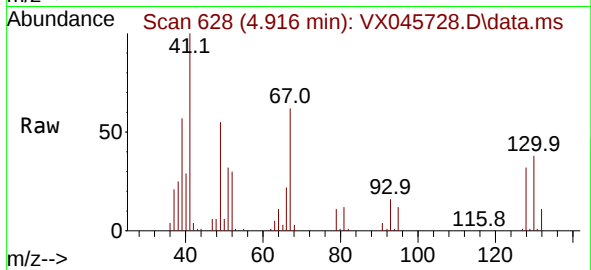
Tgt Ion: 41 Resp: 5272
Ion Ratio Lower Upper
41 100
39 58.7 47.0 70.6
67 64.1 53.2 79.8
52 31.1 25.0 37.6

Manual Integrations

APPROVED

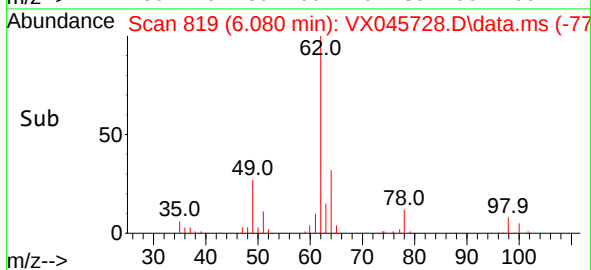
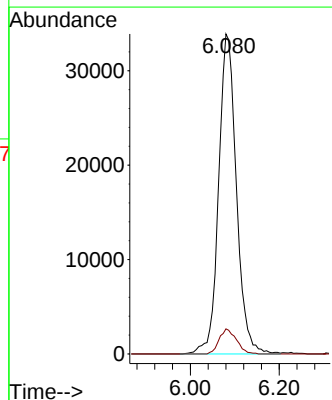
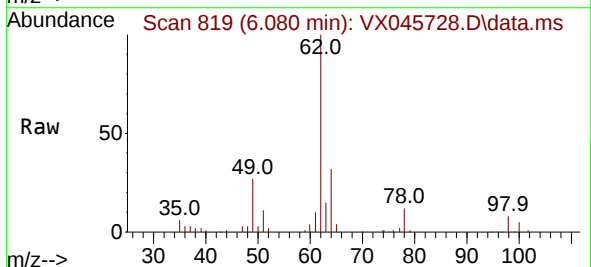
Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#42
1,2-Dichloroethane
Concen: 51.594 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

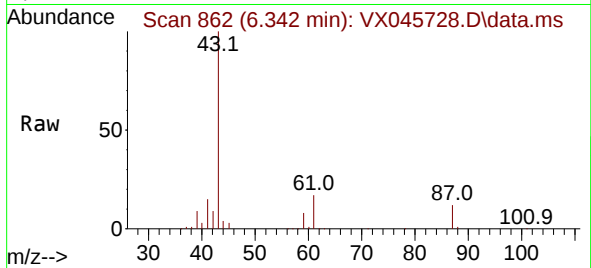
Tgt Ion: 62 Resp: 93904
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.2





#43
Isopropyl Acetate
Concen: 53.019 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

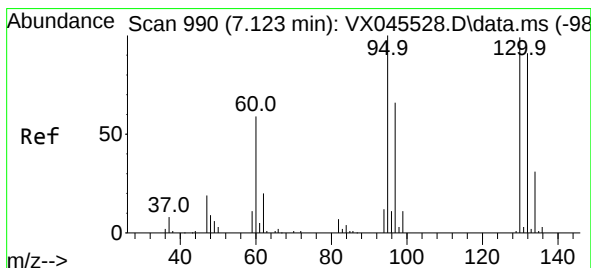
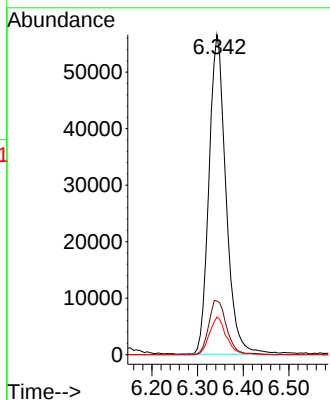
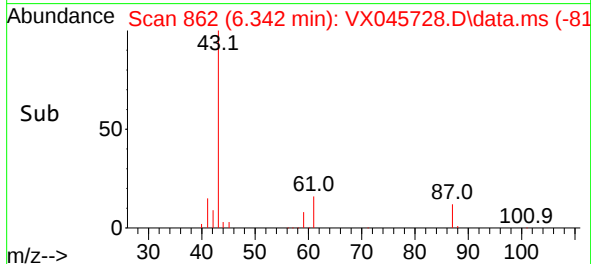
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 146115
Ion Ratio Lower Upper
43 100
61 17.9 14.1 21.1
87 11.7 9.2 13.8

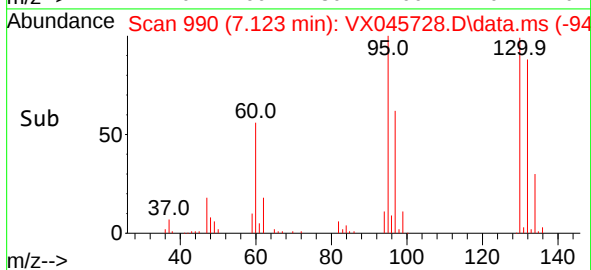
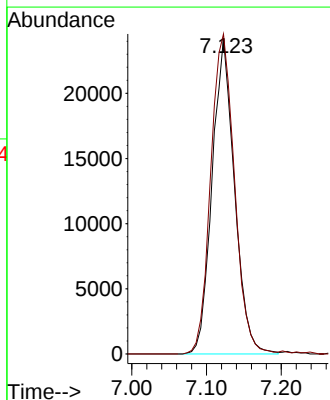
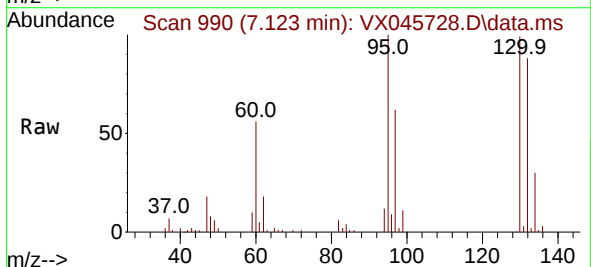
Manual Integrations
APPROVED

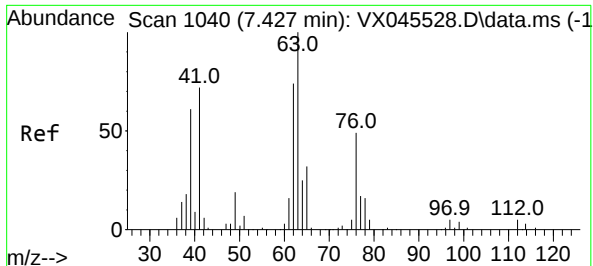
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#44
Trichloroethene
Concen: 48.009 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion:130 Resp: 50284
Ion Ratio Lower Upper
130 100
95 101.3 0.0 202.0





#45

1,2-Dichloropropane

Concen: 50.638 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 55670

Ion Ratio Lower Upper

63 100

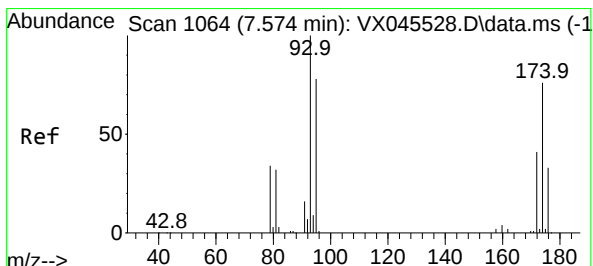
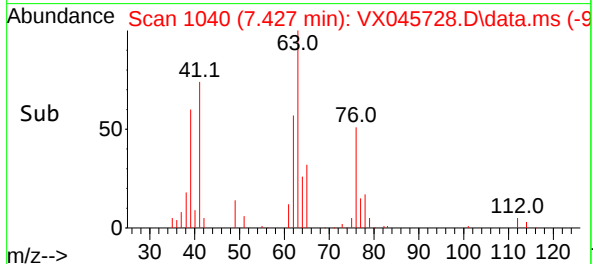
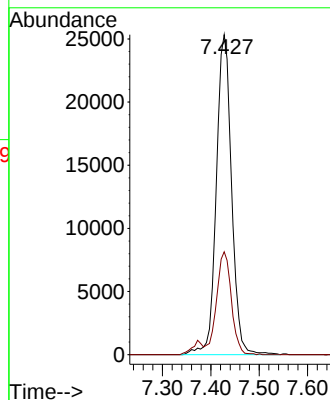
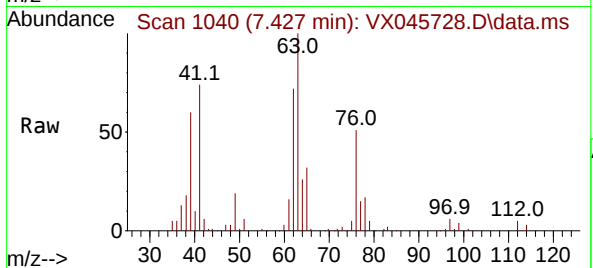
65 32.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#46

Dibromomethane

Concen: 49.674 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

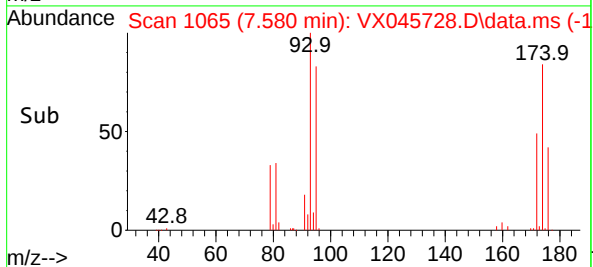
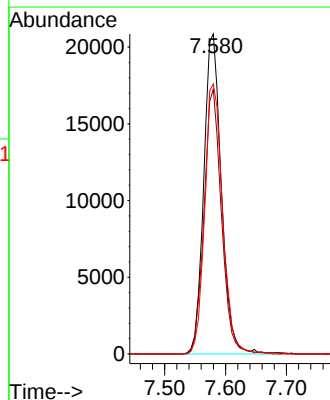
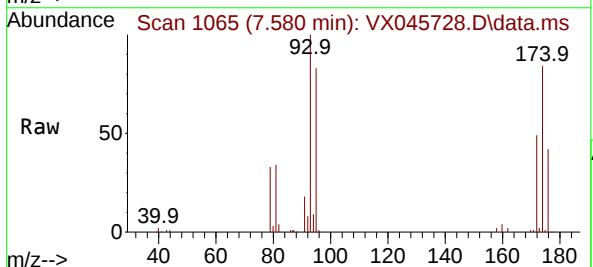
Tgt Ion: 93 Resp: 41926

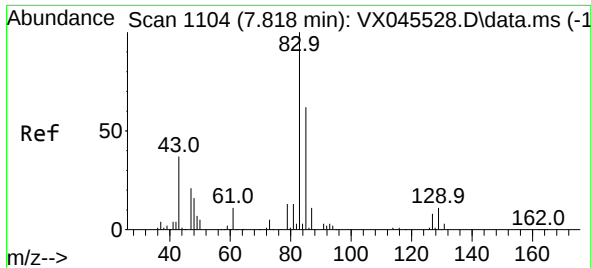
Ion Ratio Lower Upper

93 100

95 82.0 64.8 97.2

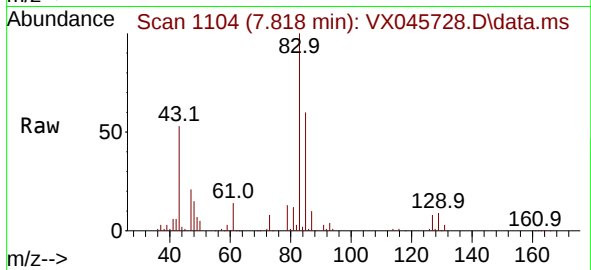
174 85.6 65.4 98.0





#47
Bromodichloromethane
Concen: 50.593 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

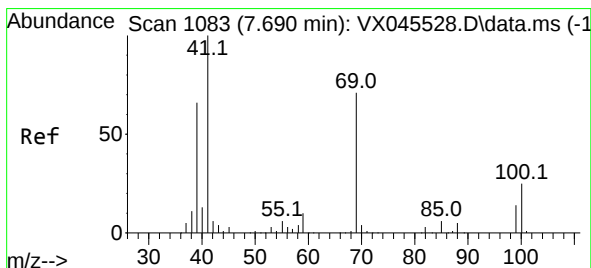
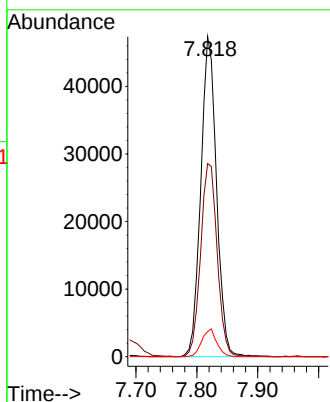
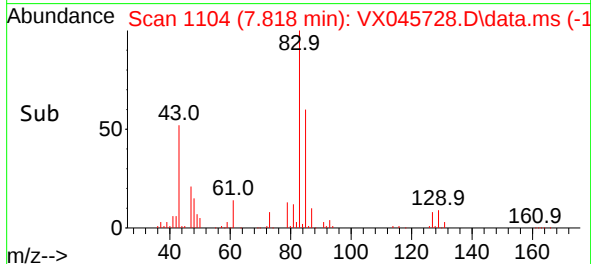
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



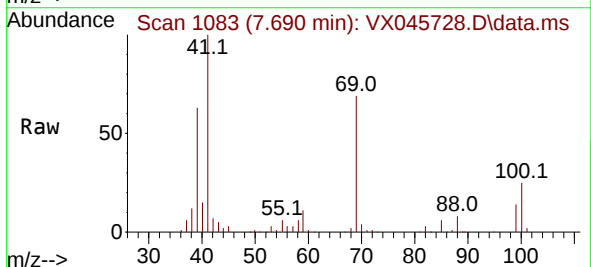
Tgt Ion: 83 Resp: 8527
Ion Ratio Lower Upper
83 100
85 60.3 49.7 74.5
127 7.8 6.1 9.1

Manual Integrations
APPROVED

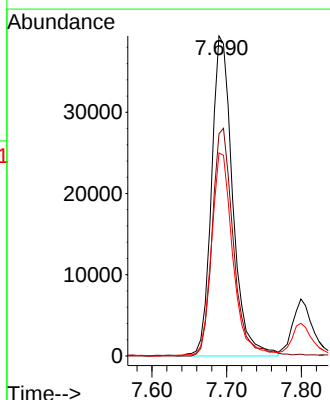
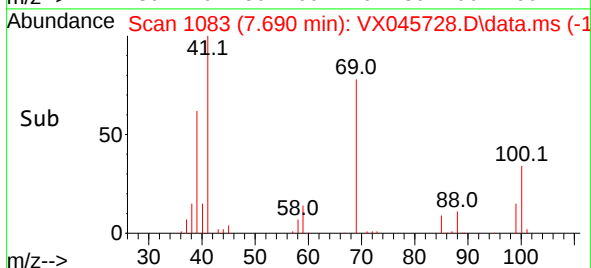
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

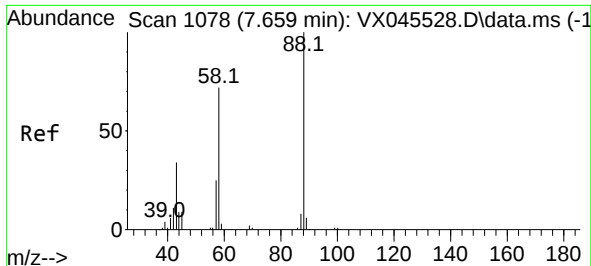


#48
Methyl methacrylate
Concen: 54.372 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



Tgt Ion: 41 Resp: 77367
Ion Ratio Lower Upper
41 100
69 71.2 58.2 87.2
39 64.5 53.6 80.4





#49

1,4-Dioxane

Concen: 1102.926 ug/l

RT: 7.665 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

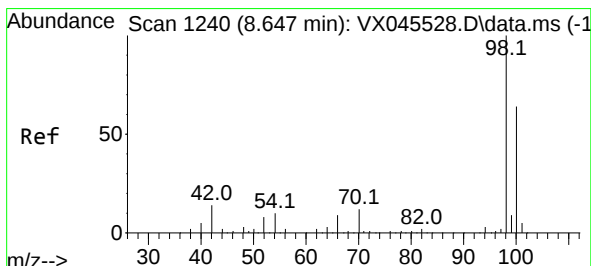
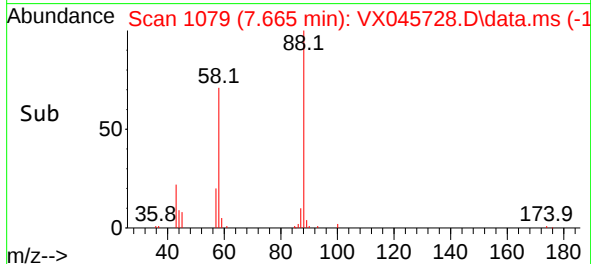
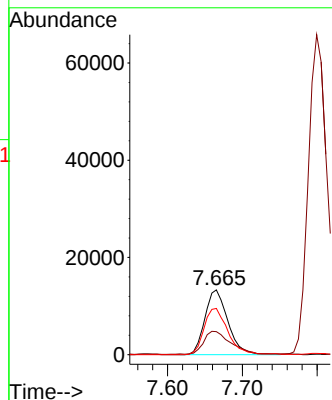
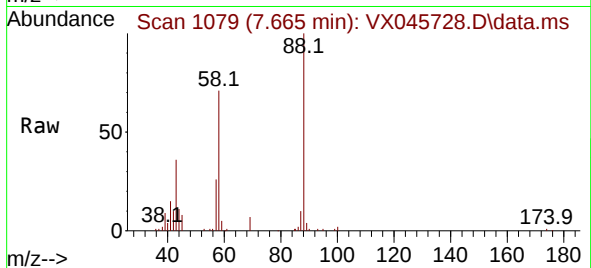
Tgt Ion: 88	Resp: 28394
Ion Ratio	Lower Upper
88 100	
43 41.9	32.2 48.4
58 73.5	58.6 88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#50

Toluene-d8

Concen: 50.571 ug/l

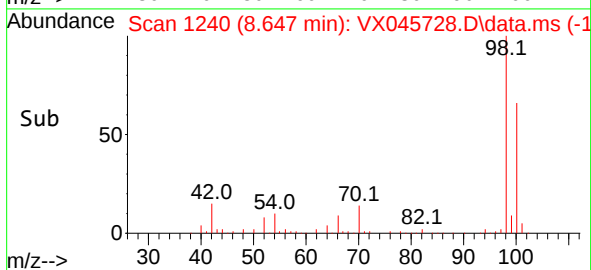
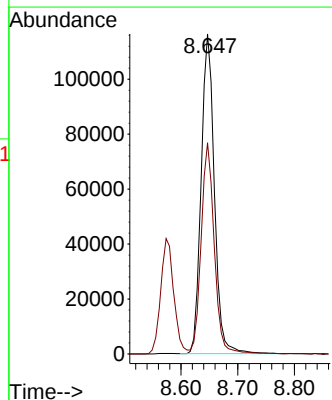
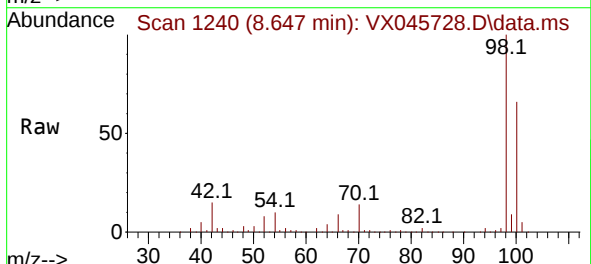
RT: 8.647 min Scan# 1240

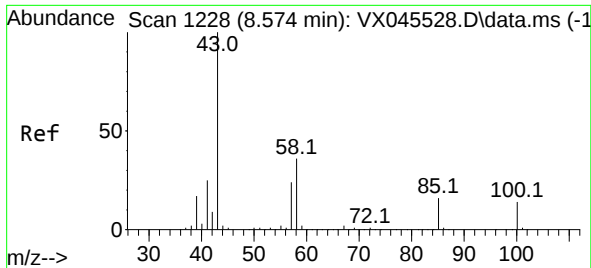
Delta R.T. -0.000 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

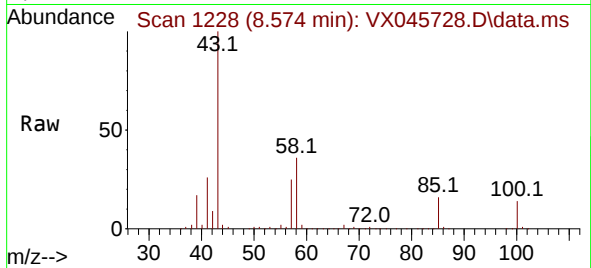
Tgt Ion: 98	Resp: 188628
Ion Ratio	Lower Upper
98 100	
100 65.2	52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 269.703 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

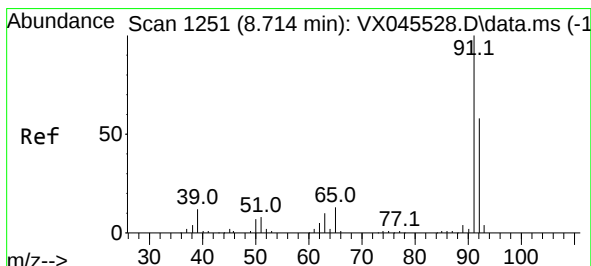
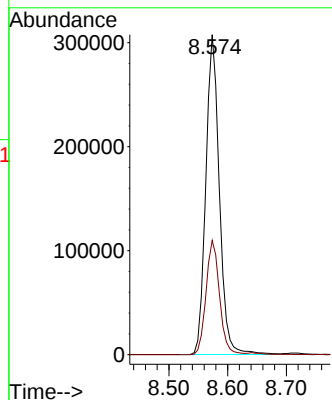
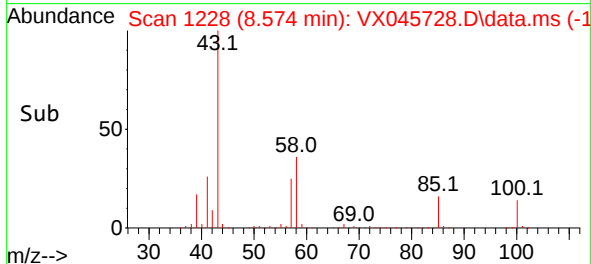
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 49272
Ion Ratio Lower Upper
43 100
58 35.5 28.5 42.7

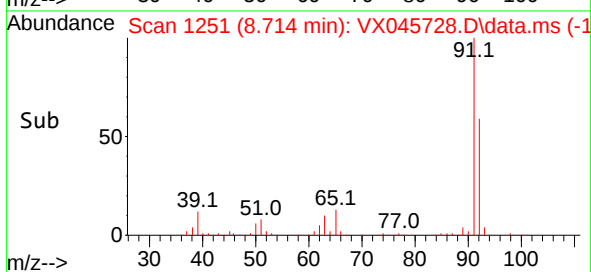
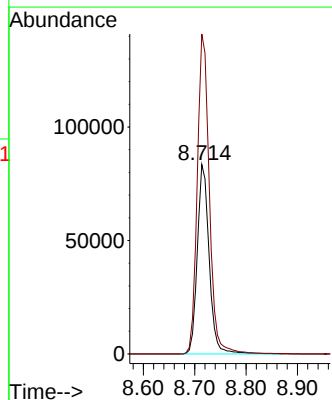
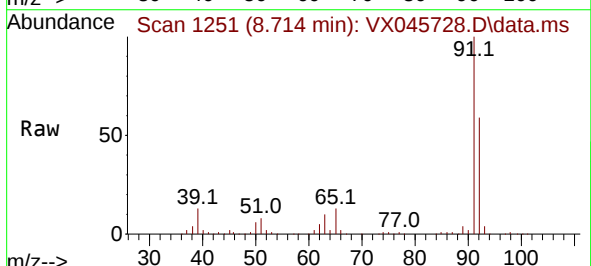
Manual Integrations
APPROVED

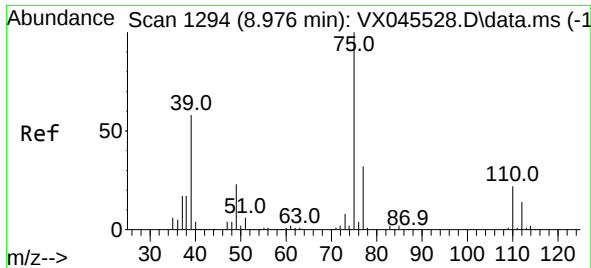
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#52
Toluene
Concen: 50.042 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 92 Resp: 133436
Ion Ratio Lower Upper
92 100
91 172.5 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 42.985 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

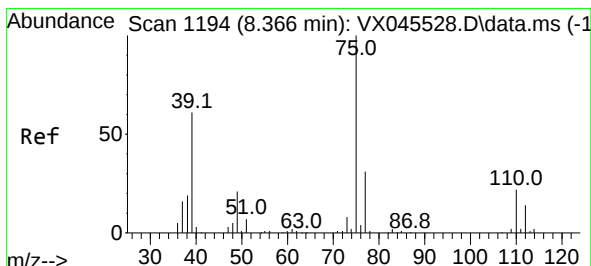
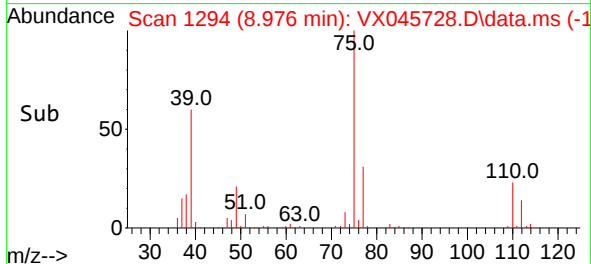
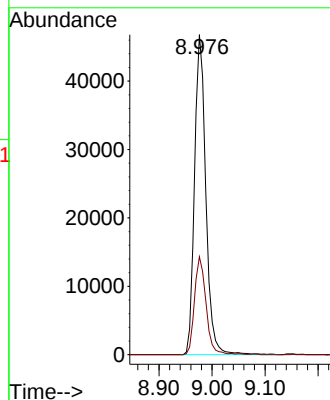
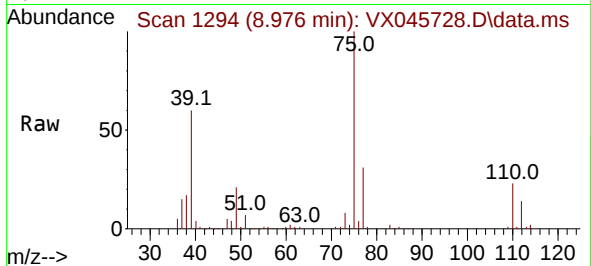
VSTDCCC050EC

Tgt Ion: 75 Resp: 69129
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

Manual Integrations

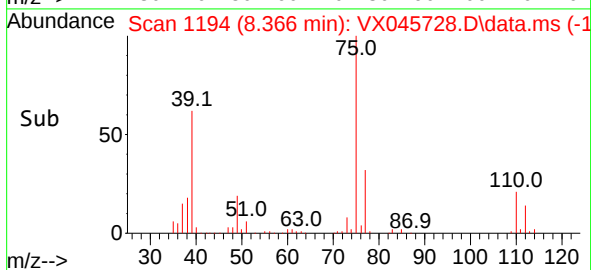
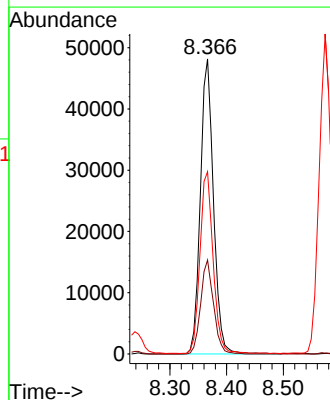
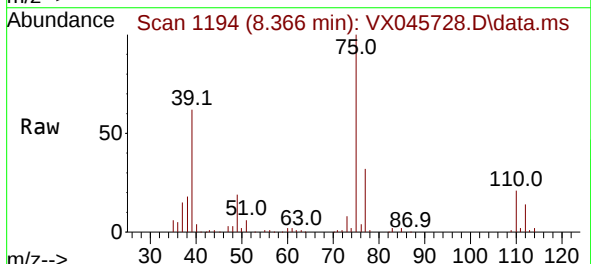
APPROVED

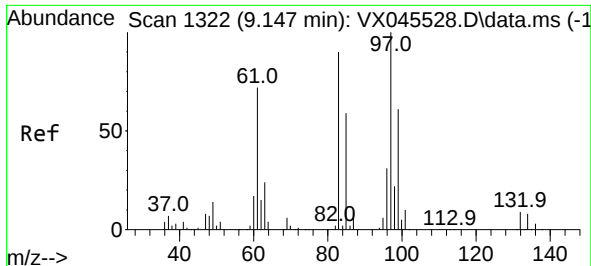
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#54
cis-1,3-Dichloropropene
Concen: 48.747 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 75 Resp: 77213
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 61.6 48.4 72.6





#55

1,1,2-Trichloroethane

Concen: 50.674 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

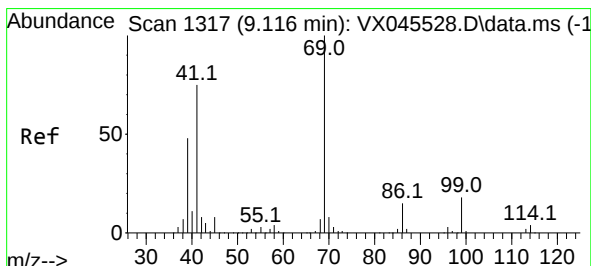
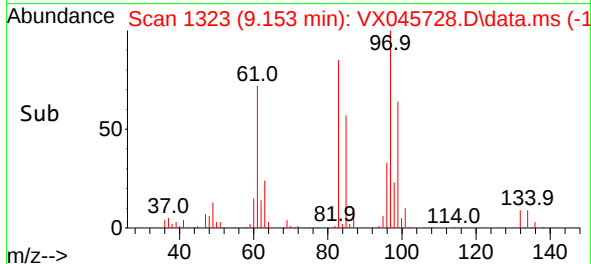
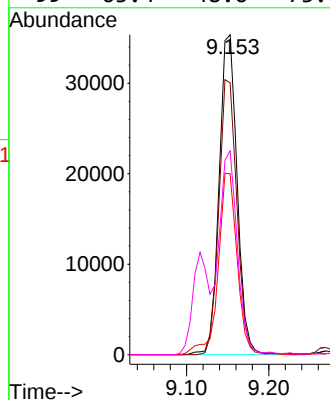
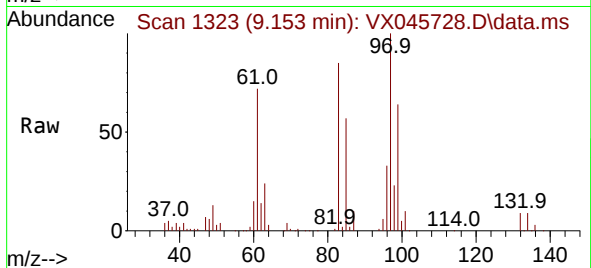
Tgt Ion:	97	Resp:	5384
Ion	Ratio	Lower	Upper
97	100		
83	84.9	71.8	107.8
85	56.6	47.0	70.6
99	63.4	48.6	73.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#56

Ethyl methacrylate

Concen: 55.837 ug/l

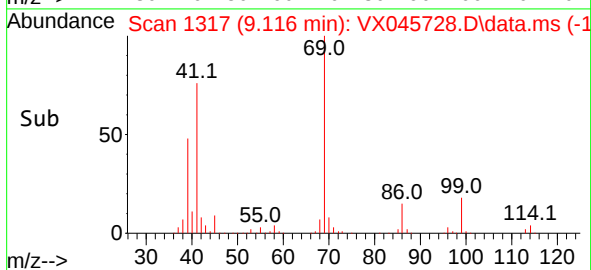
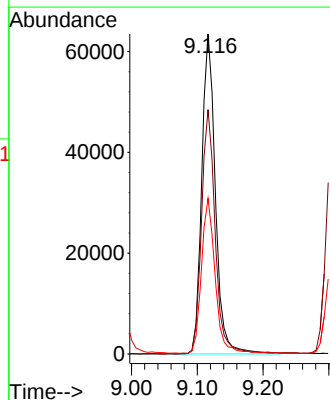
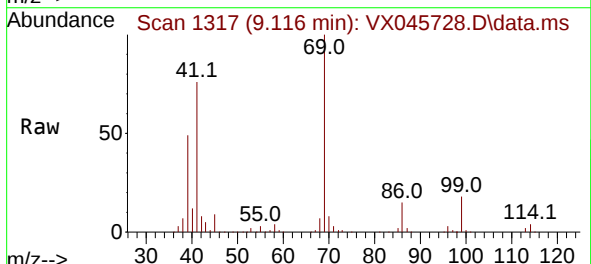
RT: 9.116 min Scan# 1317

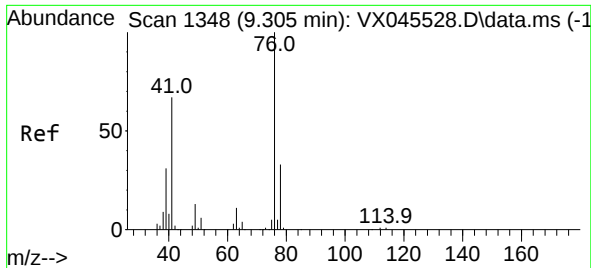
Delta R.T. 0.000 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Tgt Ion:	69	Resp:	91819
Ion	Ratio	Lower	Upper
69	100		
41	77.7	61.3	91.9
39	48.5	40.2	60.2





#57

1,3-Dichloropropane

Concen: 51.583 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9544

Ion Ratio Lower Upper

76 100

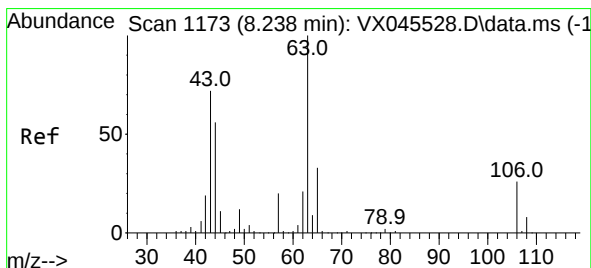
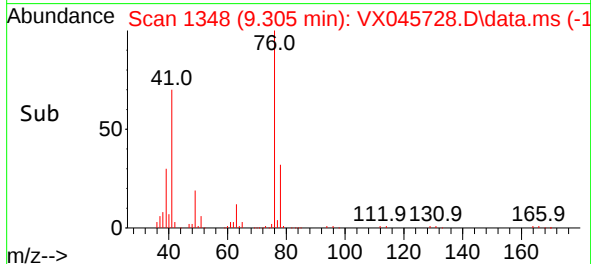
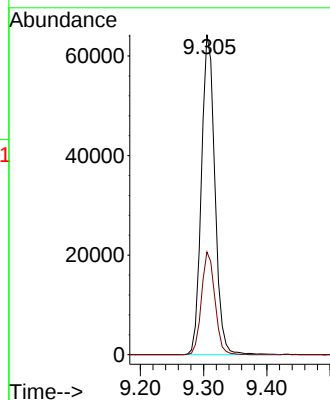
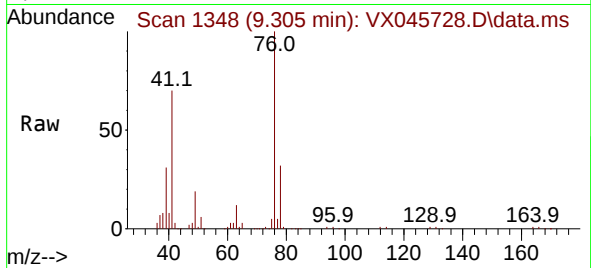
78 32.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 271.299 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045728.D

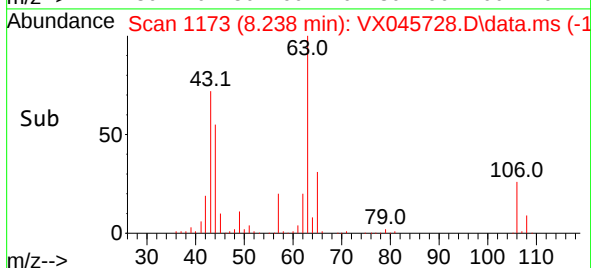
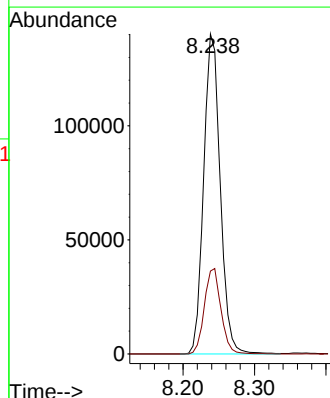
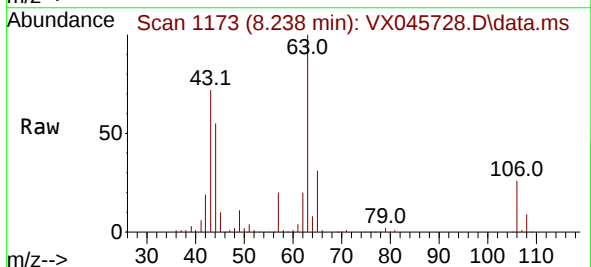
Acq: 11 Apr 2025 09:45

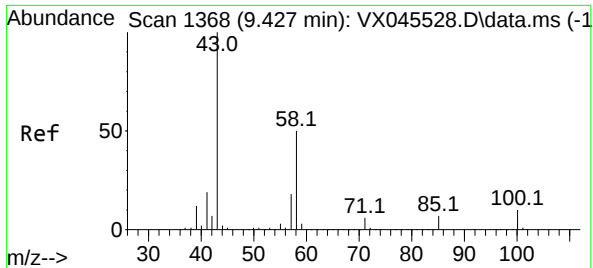
Tgt Ion: 63 Resp: 225685

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.6





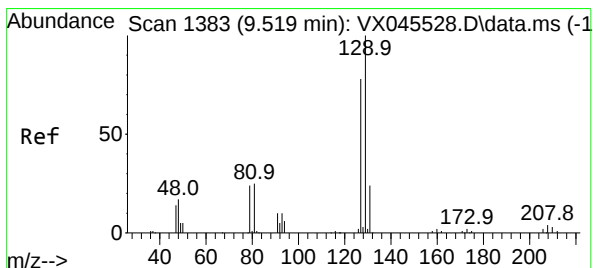
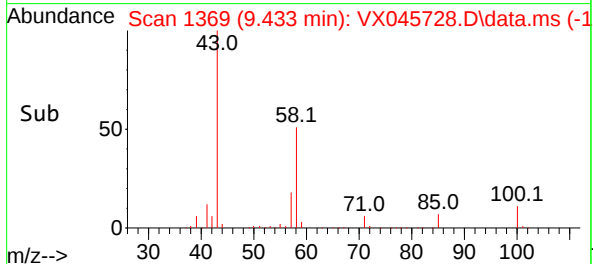
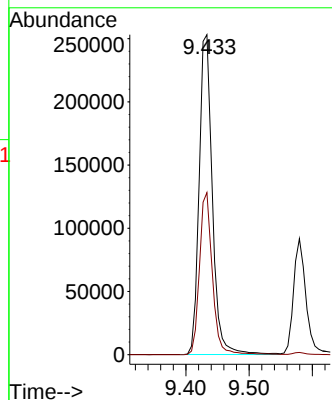
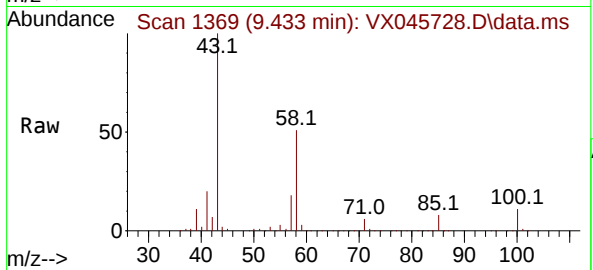
#59
2-Hexanone
Concen: 272.106 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 368128
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

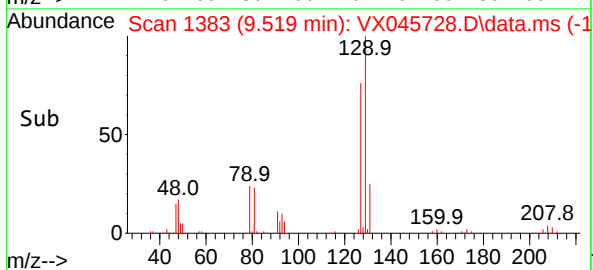
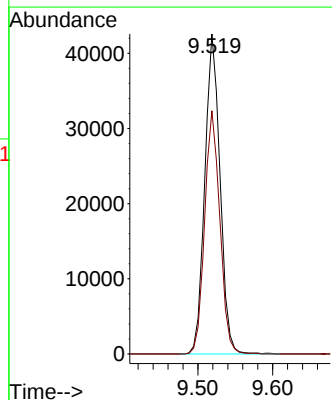
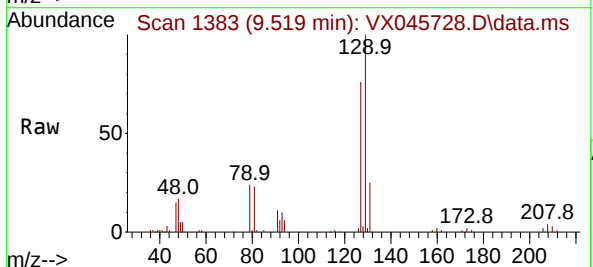
Manual Integrations
APPROVED

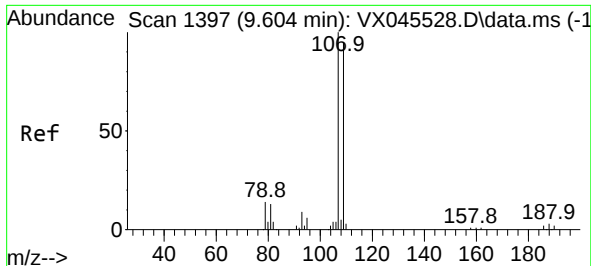
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#60
Dibromochloromethane
Concen: 51.910 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

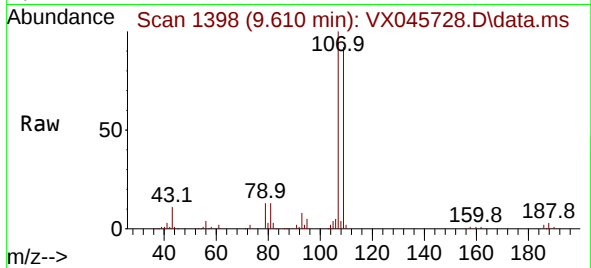
Tgt Ion:129 Resp: 60132
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.2





#61
1,2-Dibromoethane
Concen: 51.714 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

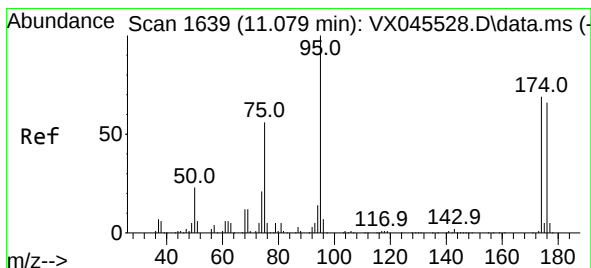
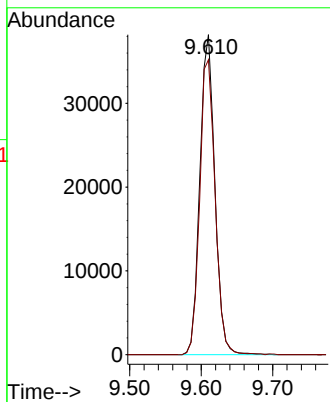
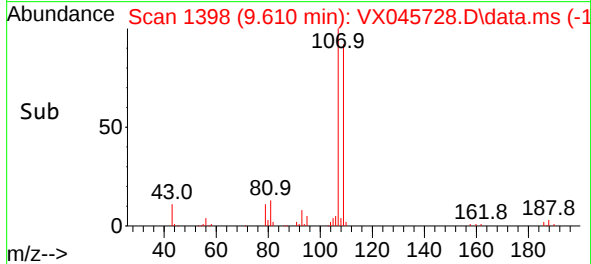
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 55629
Ion Ratio Lower Upper
107 100
109 94.9 75.7 113.5

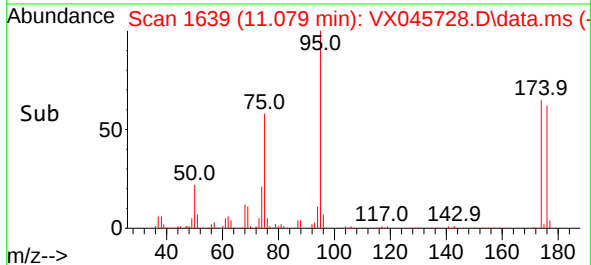
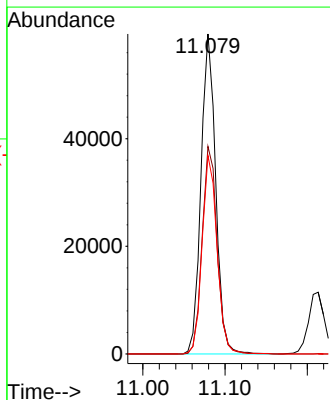
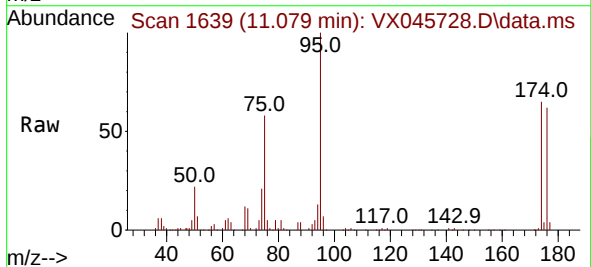
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#62
4-Bromofluorobenzene
Concen: 54.322 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

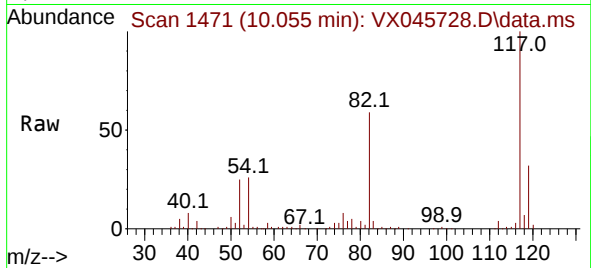
Tgt Ion: 95 Resp: 73804
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.8
176 63.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

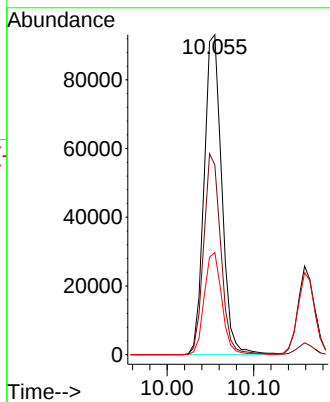
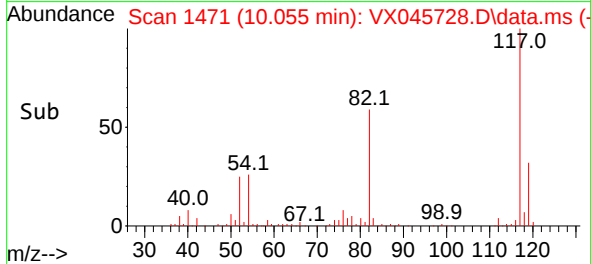
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 132034
Ion Ratio Lower Upper
117 100
82 59.3 49.2 73.8
119 31.9 25.1 37.7

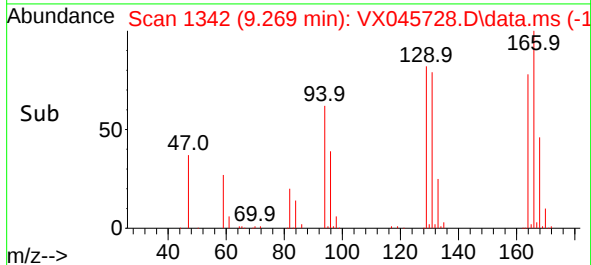
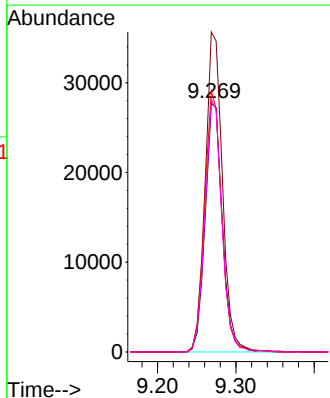
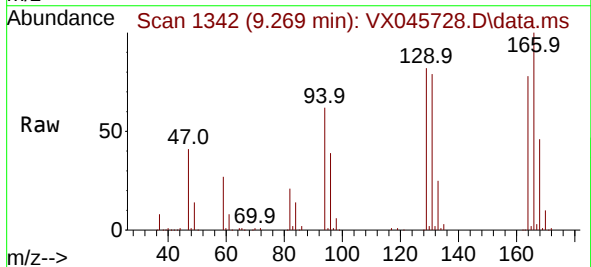
Manual Integrations
APPROVED

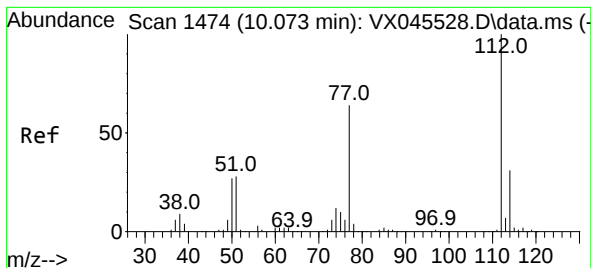
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#64
Tetrachloroethene
Concen: 45.129 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

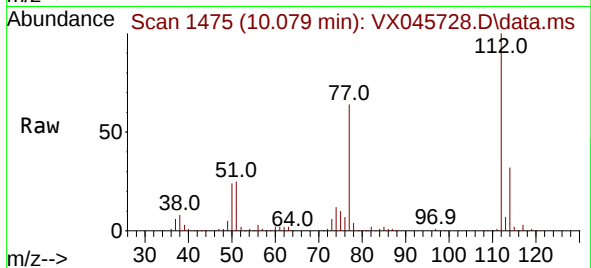
Tgt Ion:164 Resp: 42069
Ion Ratio Lower Upper
164 100
166 128.6 103.8 155.8
129 104.9 84.3 126.5
131 101.5 80.9 121.3





#65
Chlorobenzene
Concen: 50.973 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

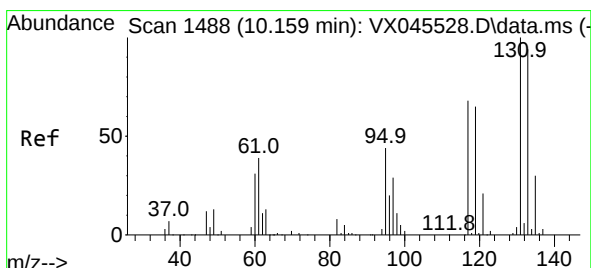
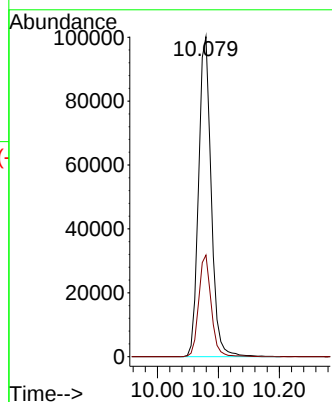
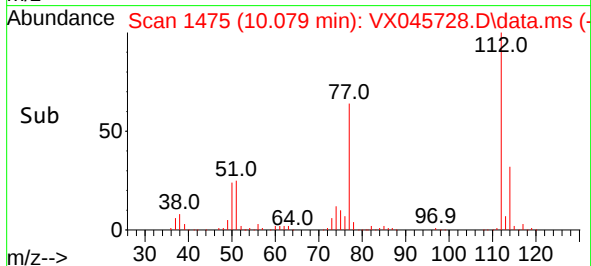
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



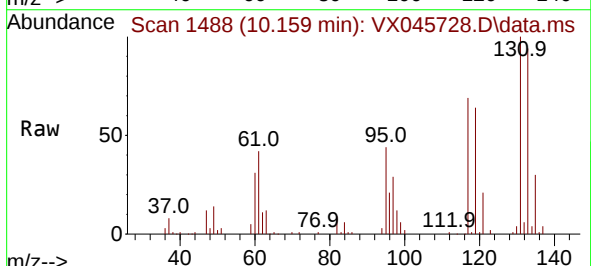
Tgt Ion:112 Resp: 143812
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

Manual Integrations
APPROVED

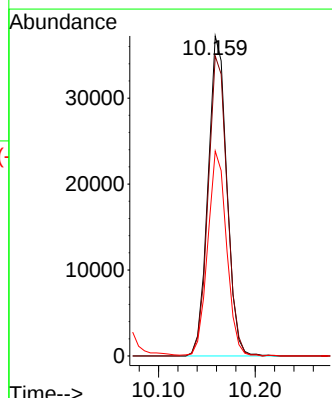
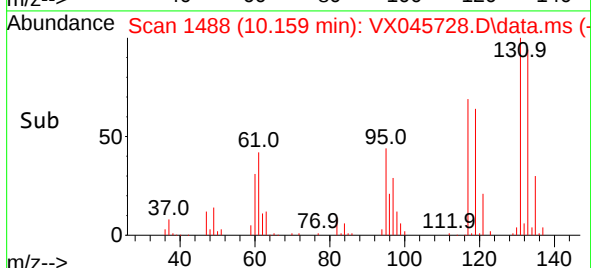
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

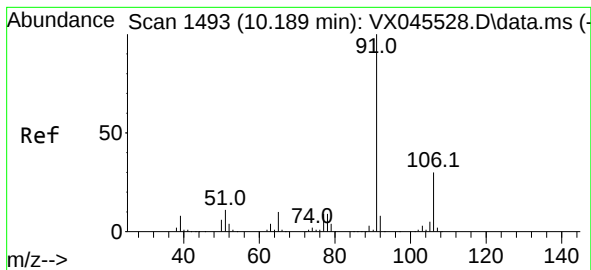


#66
1,1,1,2-Tetrachloroethane
Concen: 51.286 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



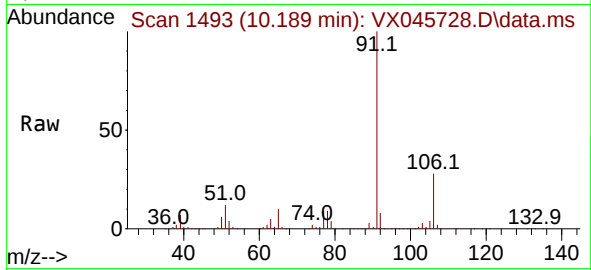
Tgt Ion:131 Resp: 50236
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 64.4 32.9 98.6





#67
Ethyl Benzene
Concen: 51.472 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

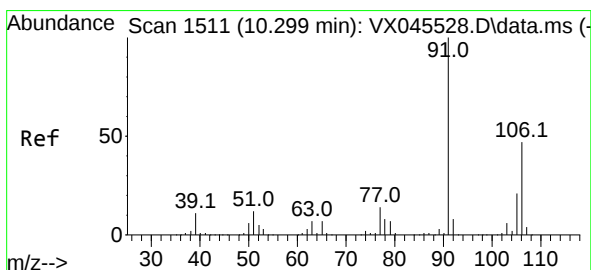
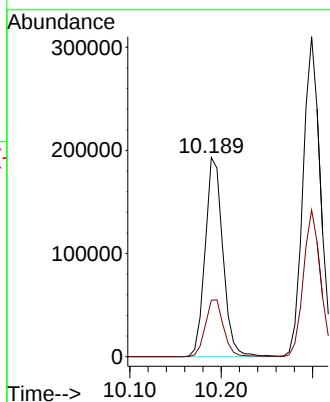
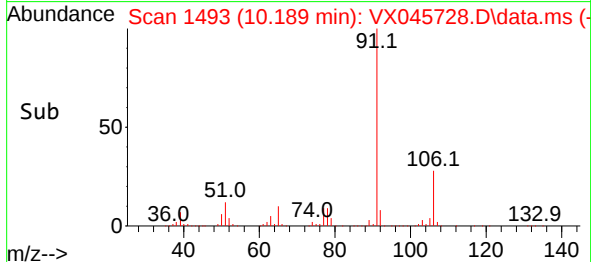
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



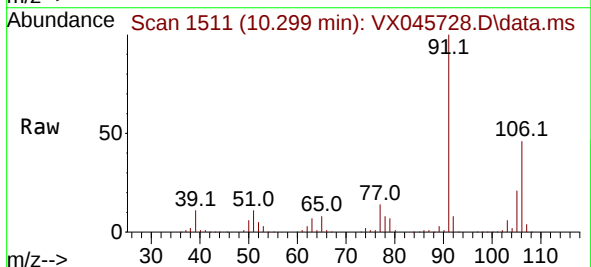
Tgt Ion: 91 Resp: 260091
Ion Ratio Lower Upper
91 100
106 28.4 23.7 35.5

Manual Integrations
APPROVED

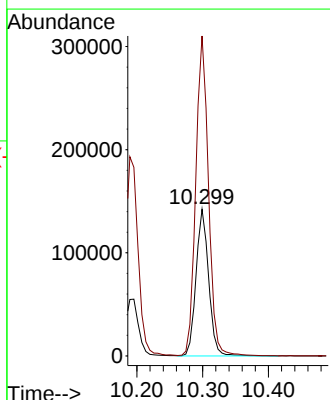
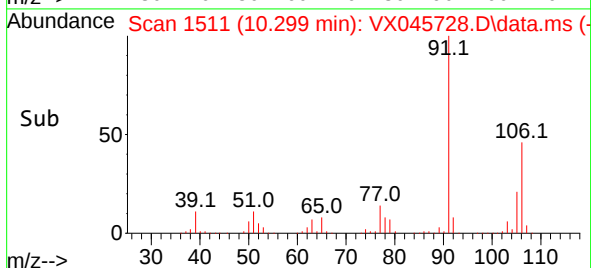
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

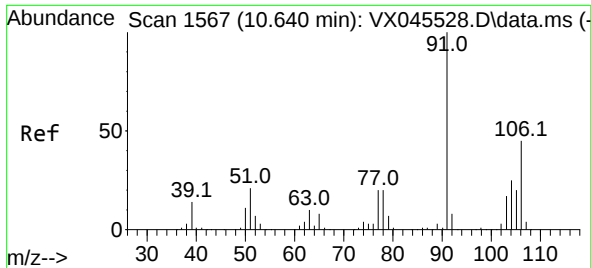


#68
m/p-Xylenes
Concen: 102.851 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



Tgt Ion:106 Resp: 189024
Ion Ratio Lower Upper
106 100
91 219.3 172.6 258.8





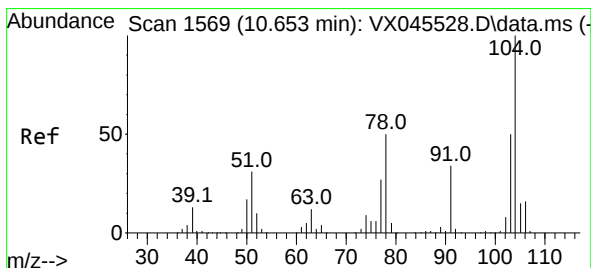
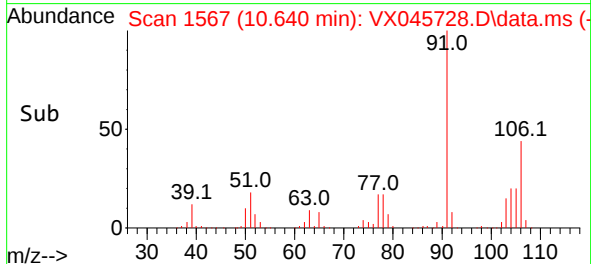
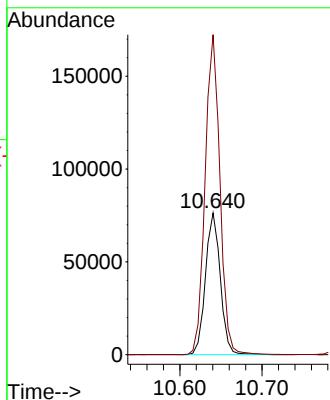
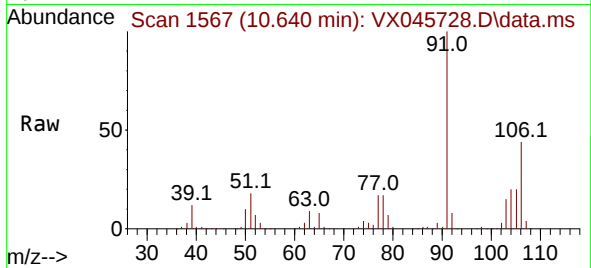
#69
o-Xylene
Concen: 52.831 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 95648
Ion Ratio Lower Upper
106 100
91 226.1 113.6 340.6

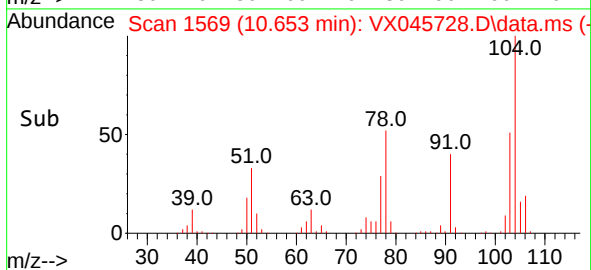
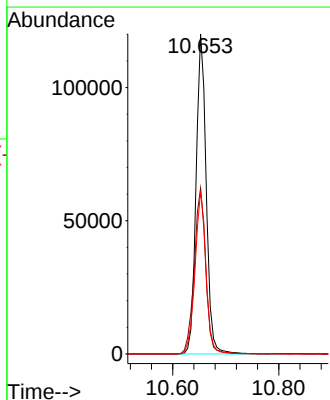
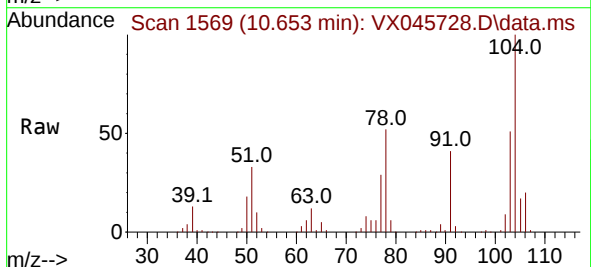
Manual Integrations
APPROVED

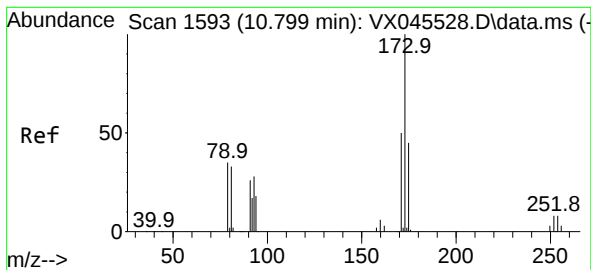
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#70
Styrene
Concen: 53.519 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

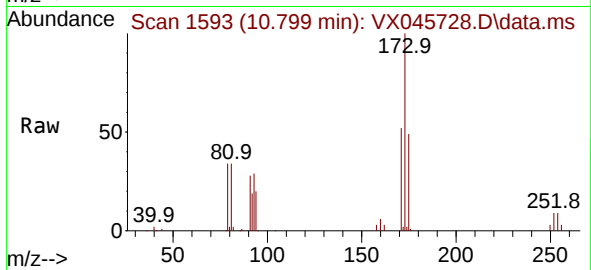
Tgt Ion:104 Resp: 159921
Ion Ratio Lower Upper
104 100
78 58.3 45.4 68.2
103 55.0 43.8 65.8





#71
Bromoform
Concen: 51.750 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

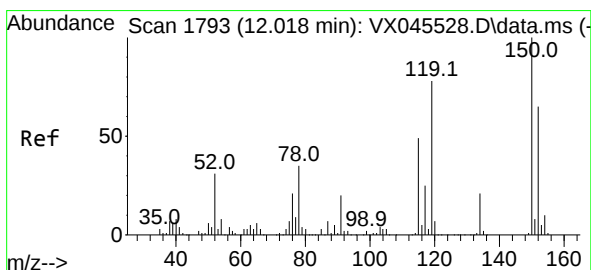
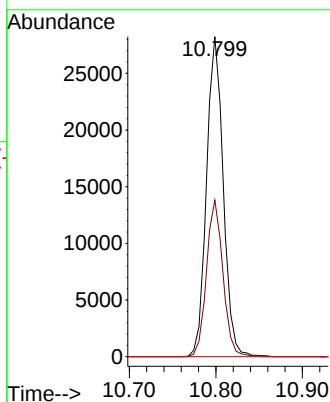
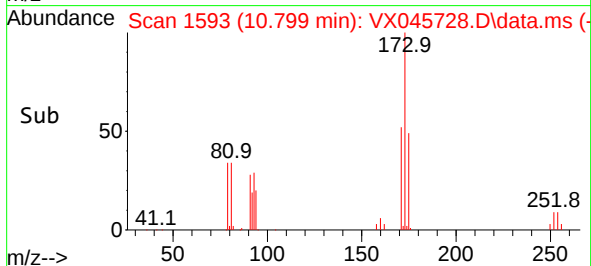
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



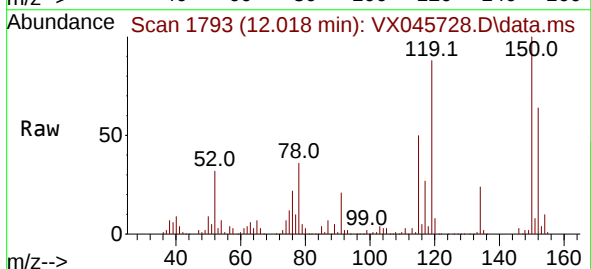
Tgt Ion:173 Resp: 37849
Ion Ratio Lower Upper
173 100
175 48.0 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

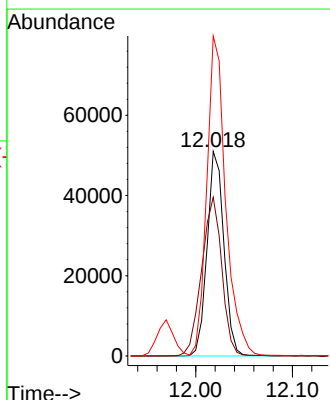
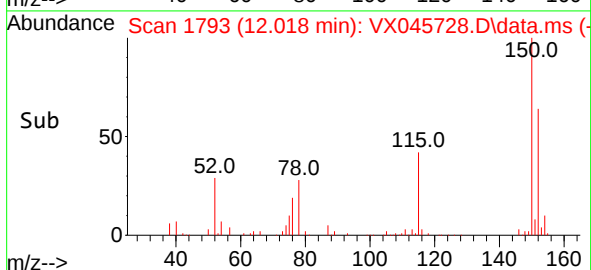
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

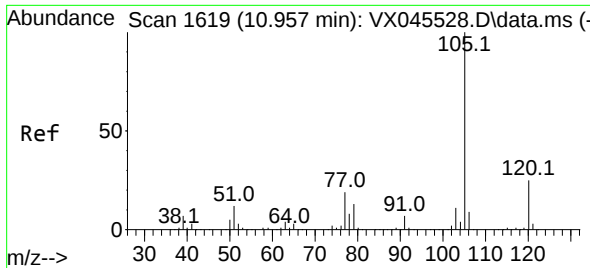


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



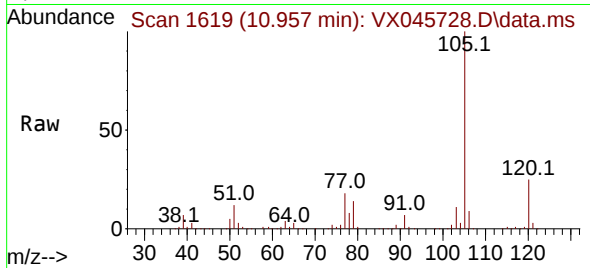
Tgt Ion:152 Resp: 61761
Ion Ratio Lower Upper
152 100
115 93.0 46.9 140.7
150 175.4 0.0 349.4





#73
Isopropylbenzene
Concen: 50.642 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

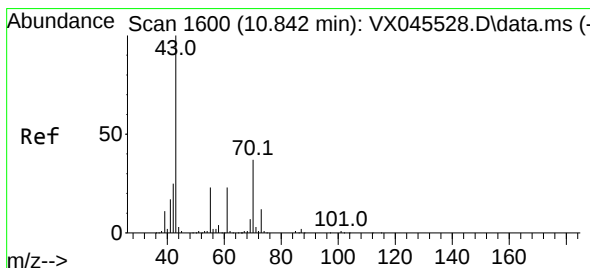
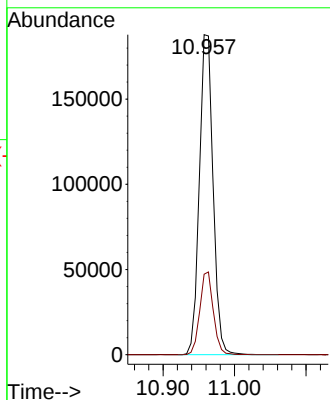
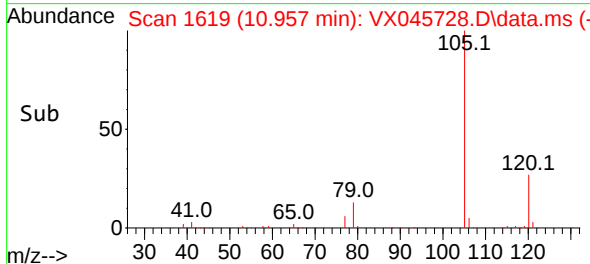
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



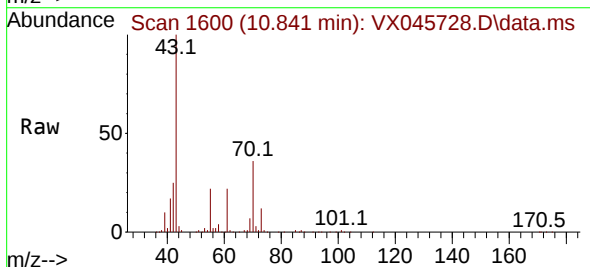
Tgt Ion:105 Resp: 25053
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.0

Manual Integrations
APPROVED

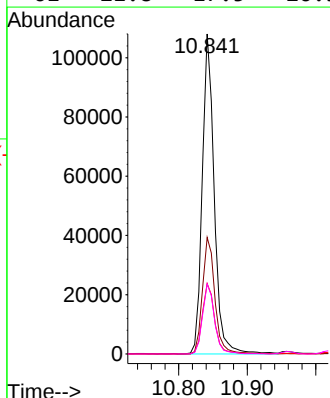
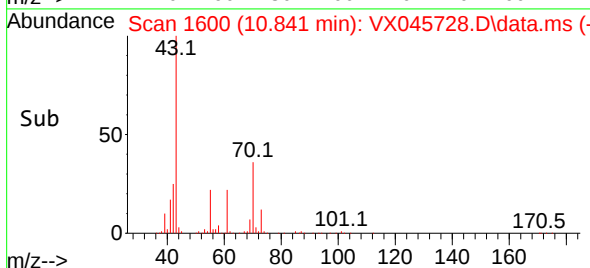
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

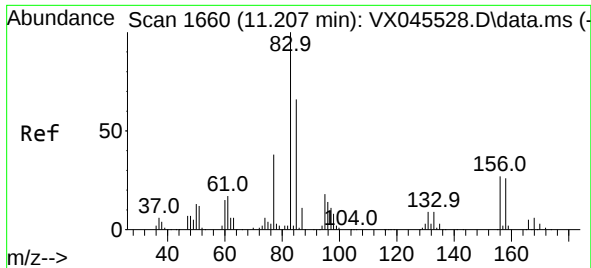


#74
N-ethyl acetate
Concen: 55.685 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



Tgt Ion: 43 Resp: 131775
Ion Ratio Lower Upper
43 100
70 37.9 30.1 45.1
55 22.9 18.3 27.5
61 21.8 17.5 26.3





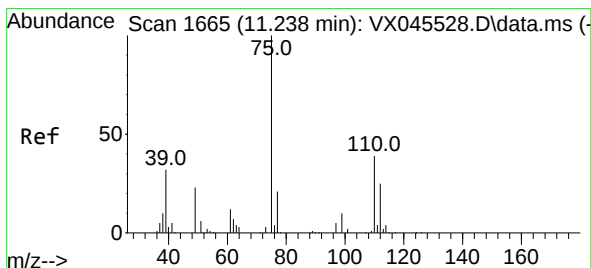
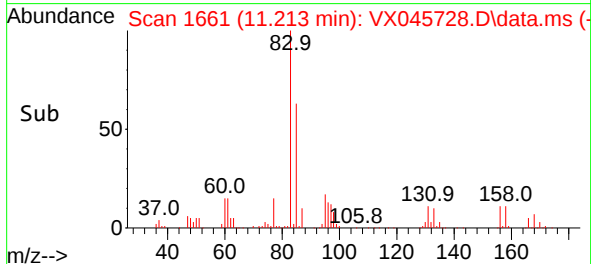
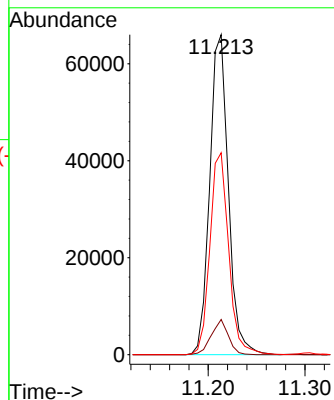
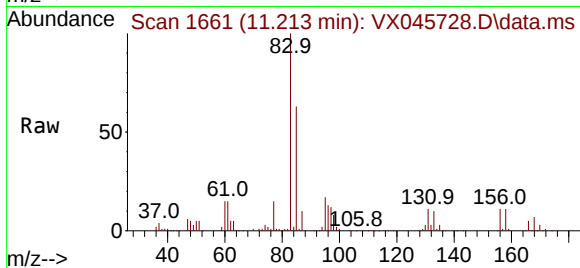
#75
1,1,2,2-Tetrachloroethane
Concen: 50.727 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 88150
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.1
85 63.7 32.4 97.2

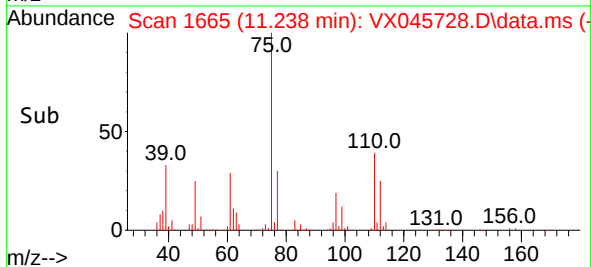
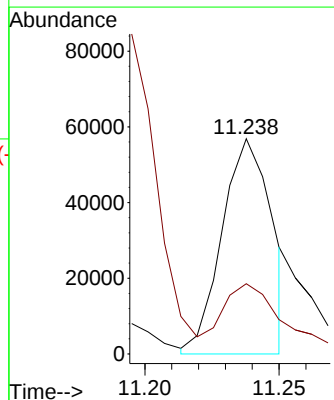
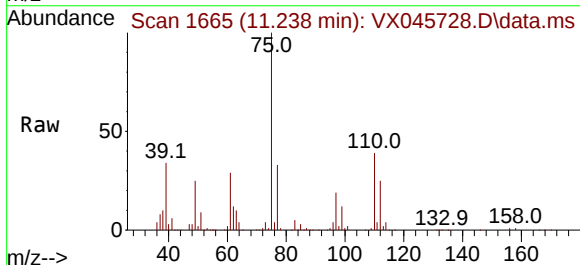
Manual Integrations
APPROVED

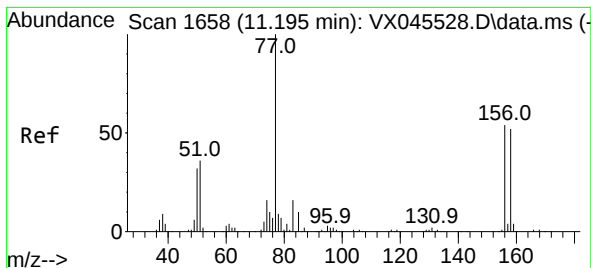
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#76
1,2,3-Trichloropropane
Concen: 48.760 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion: 75 Resp: 73457
Ion Ratio Lower Upper
75 100
77 40.6 20.0 59.9





#77

Bromobenzene

Concen: 49.240 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

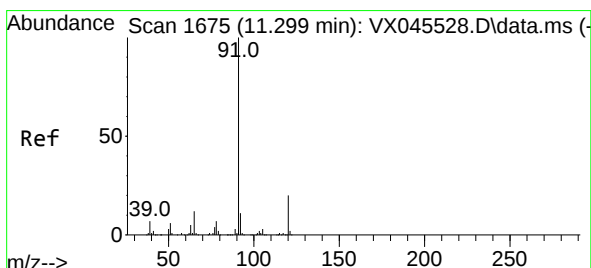
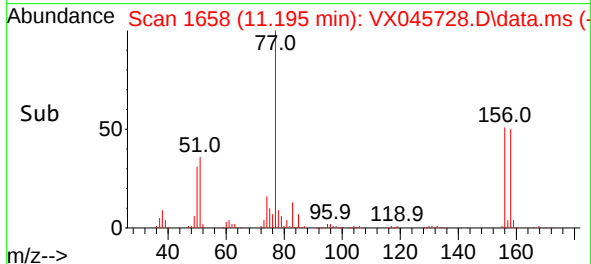
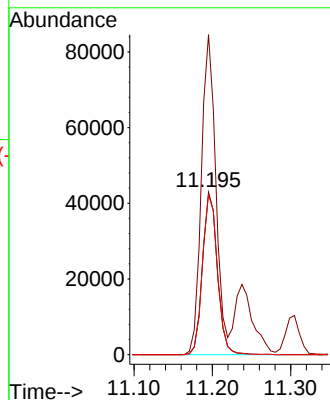
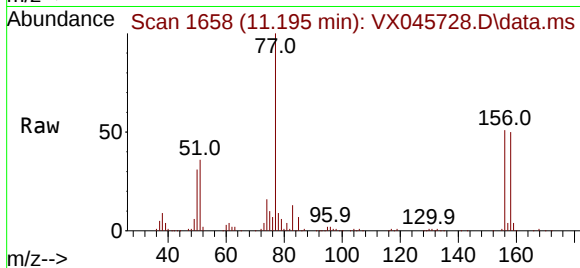
Tgt Ion:	156	Resp:	56284
Ion Ratio	Lower	Upper	
156	100		
77	192.3	92.6	277.8
158	99.8	48.1	144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2025

Supervised By :Mahesh Dadoda 04/11/2025



#78

n-propylbenzene

Concen: 50.838 ug/l

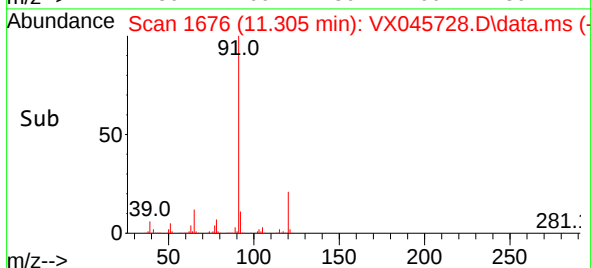
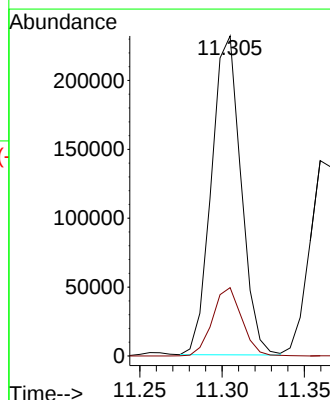
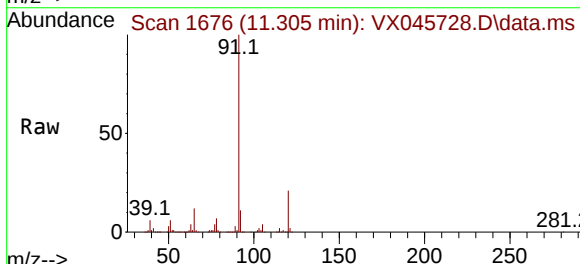
RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX045728.D

Acq: 11 Apr 2025 09:45

Tgt Ion:	91	Resp:	289688
Ion Ratio	Lower	Upper	
91	100		
120	21.3	10.8	32.3





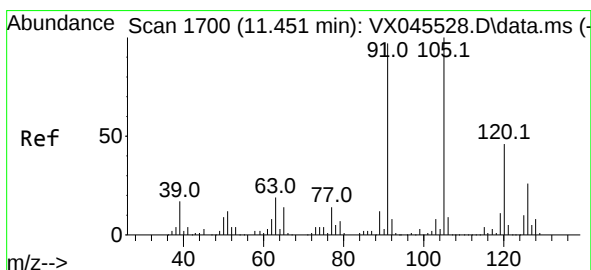
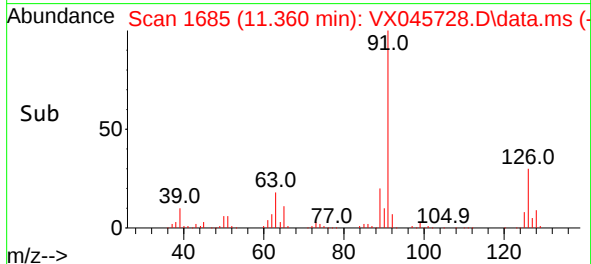
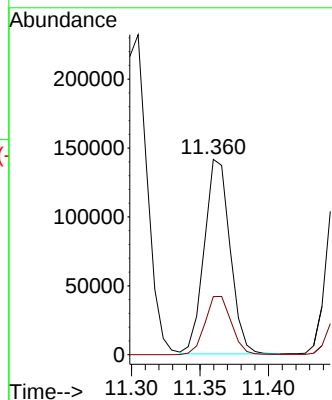
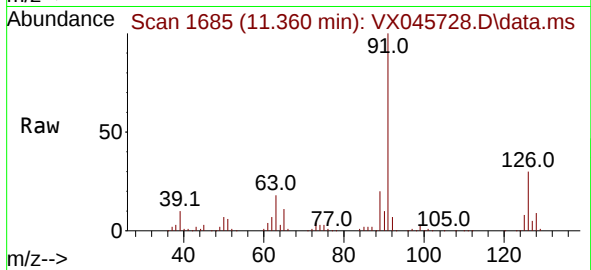
#79
2-Chlorotoluene
Concen: 50.746 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 18486
Ion Ratio Lower Upper
91 100
126 30.5 15.8 47.4

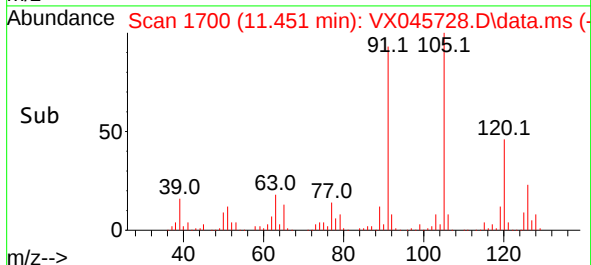
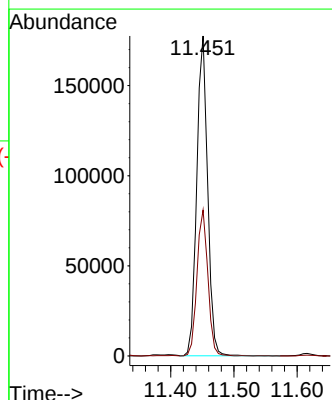
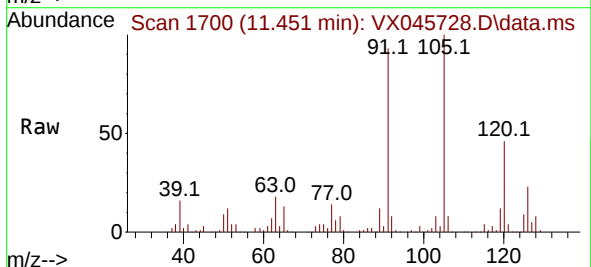
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.762 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion:105 Resp: 211752
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





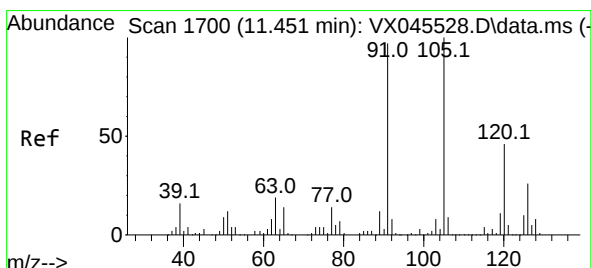
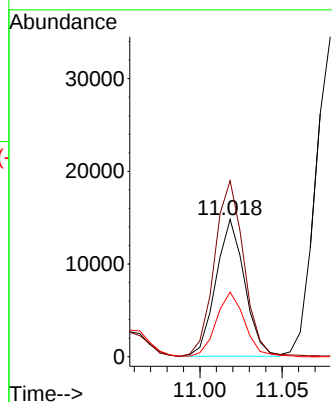
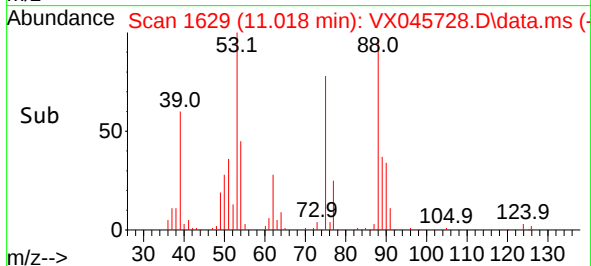
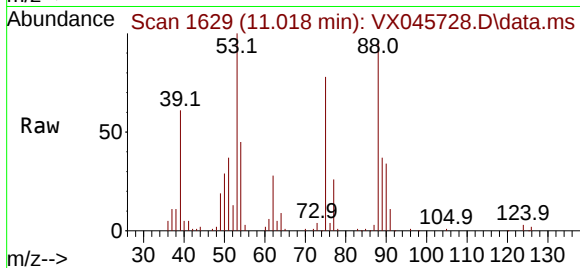
#81
trans-1,4-Dichloro-2-butene
Concen: 40.348 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 17910
Ion Ratio Lower Upper
75 100
53 132.5 101.8 152.6
89 46.8 37.2 55.8

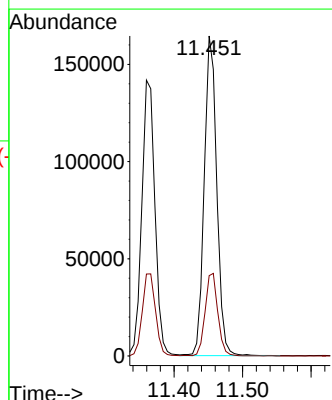
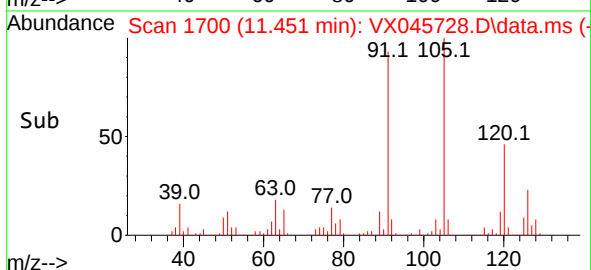
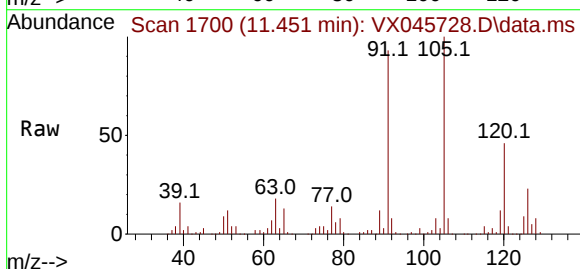
Manual Integrations
APPROVED

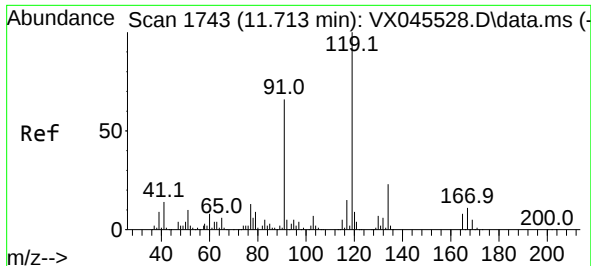
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#82
4-Chlorotoluene
Concen: 51.628 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

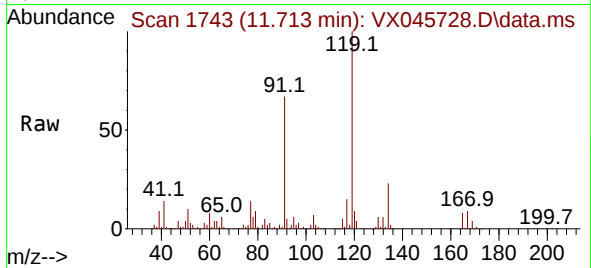
Tgt Ion: 91 Resp: 209693
Ion Ratio Lower Upper
91 100
126 26.3 13.3 39.9





#83
tert-Butylbenzene
Concen: 52.602 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

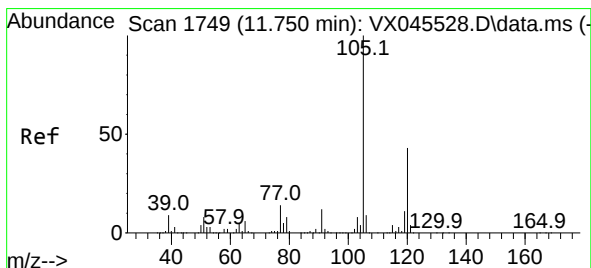
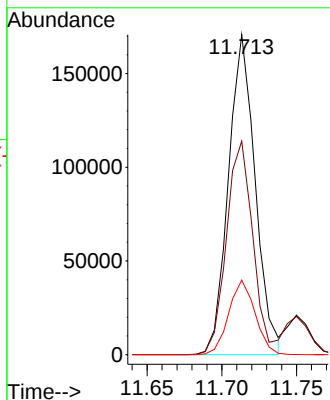
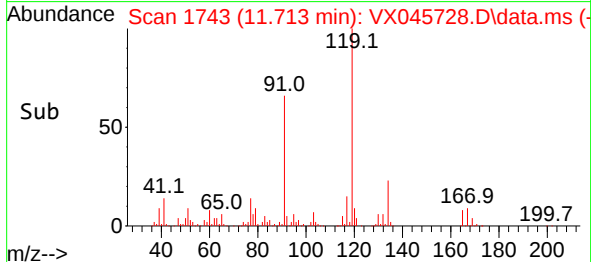
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



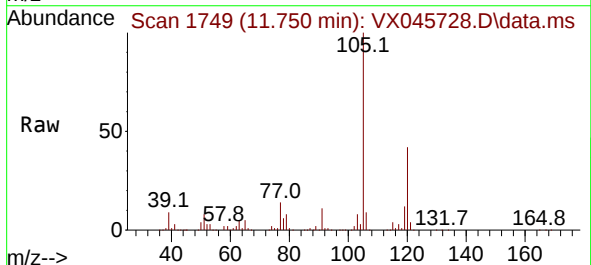
Tgt Ion:119 Resp: 21304
Ion Ratio Lower Upper
119 100
91 66.2 32.4 97.2
134 22.9 11.5 34.5

Manual Integrations
APPROVED

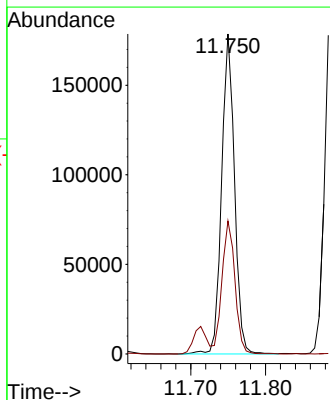
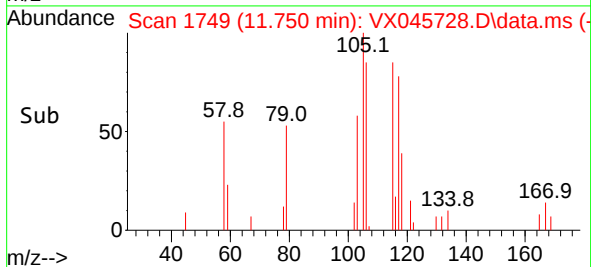
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

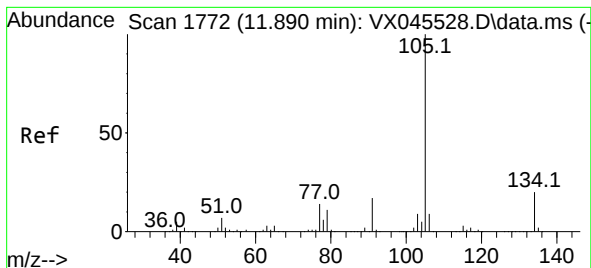


#84
1,2,4-Trimethylbenzene
Concen: 52.116 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



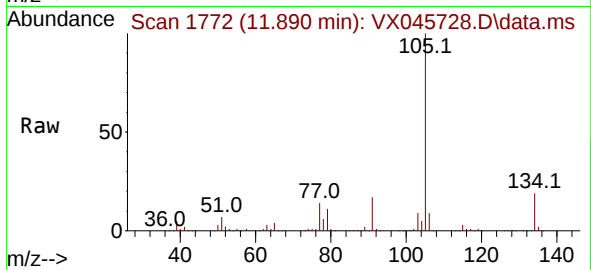
Tgt Ion:105 Resp: 213984
Ion Ratio Lower Upper
105 100
120 42.3 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 52.030 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045728.D
 Acq: 11 Apr 2025 09:45

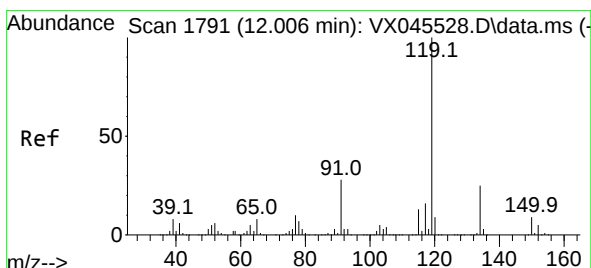
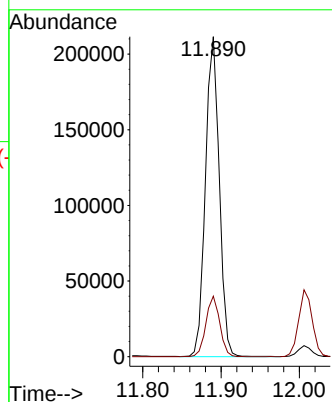
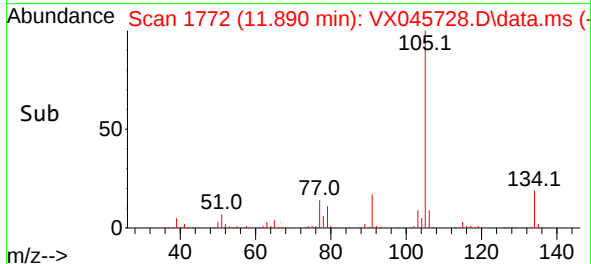
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 258819
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

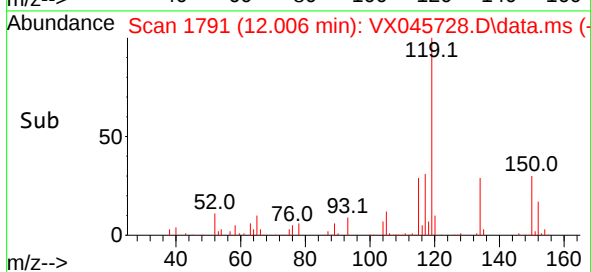
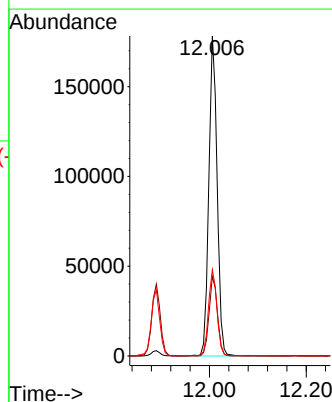
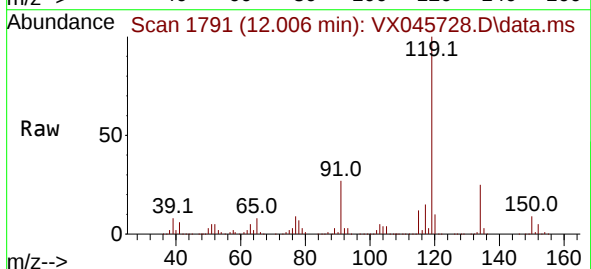
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/11/2025
 Supervised By :Mahesh Dadoda 04/11/2025



#86
 p-Isopropyltoluene
 Concen: 51.877 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045728.D
 Acq: 11 Apr 2025 09:45

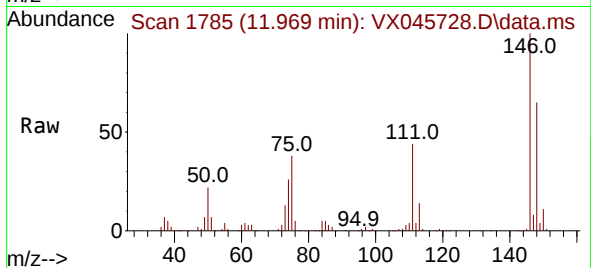
Tgt Ion:119 Resp: 212754
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.2 13.7 41.1





#87
1,3-Dichlorobenzene
Concen: 49.637 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

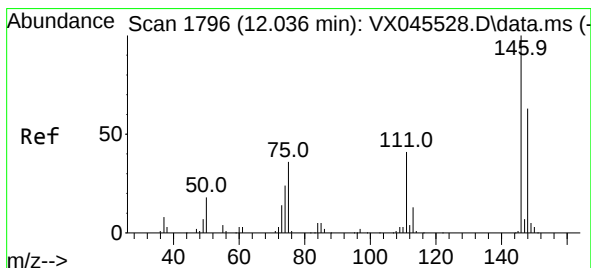
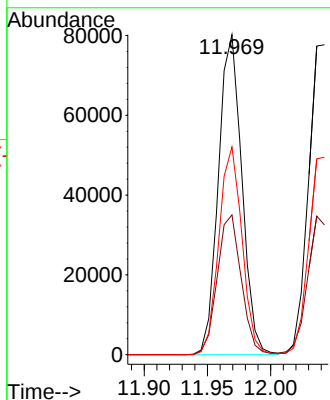
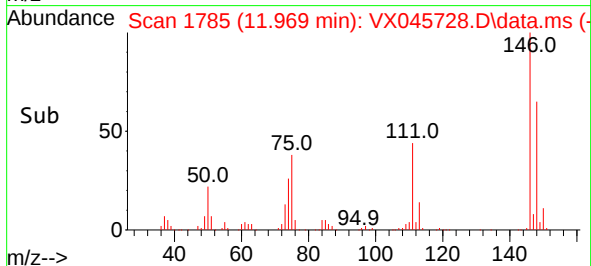
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



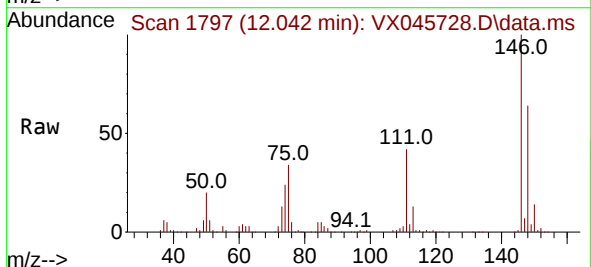
Tgt Ion:146 Resp: 103279
Ion Ratio Lower Upper
146 100
111 44.7 22.2 66.6
148 64.2 31.9 95.7

Manual Integrations
APPROVED

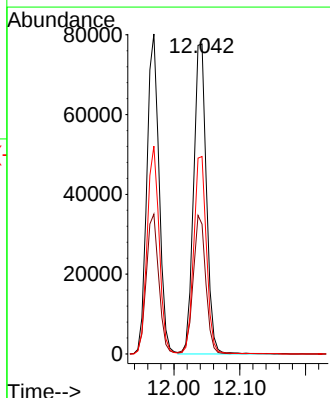
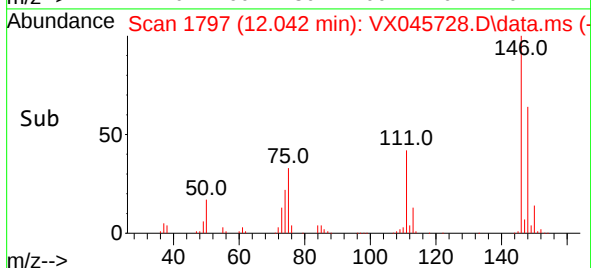
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#88
1,4-Dichlorobenzene
Concen: 49.784 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



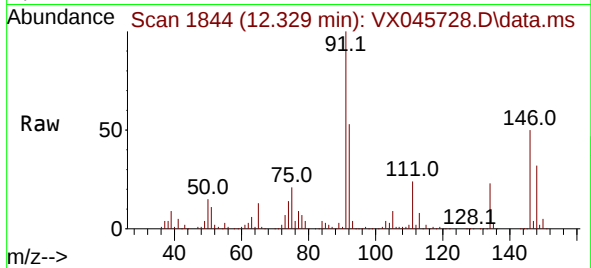
Tgt Ion:146 Resp: 105015
Ion Ratio Lower Upper
146 100
111 43.7 20.9 62.8
148 62.8 31.5 94.5





#89
n-Butylbenzene
Concen: 50.598 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

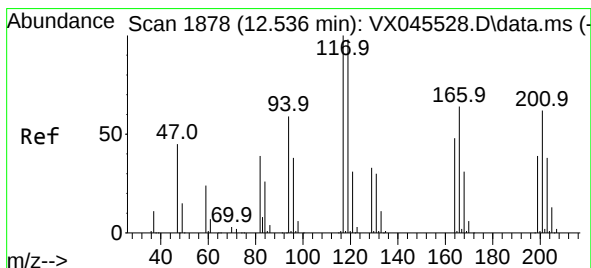
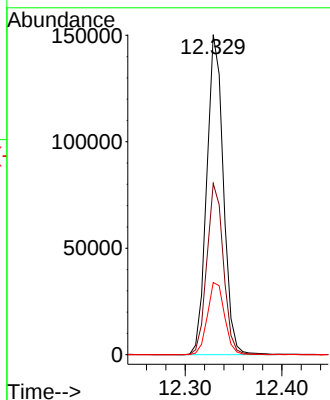
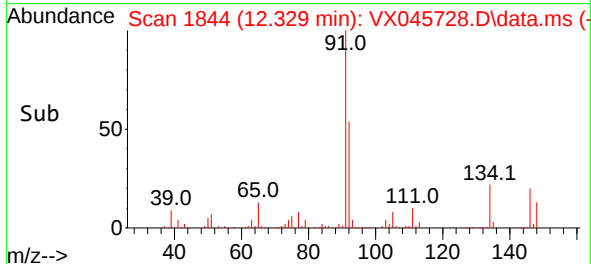
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 179944
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 23.3 11.9 35.7

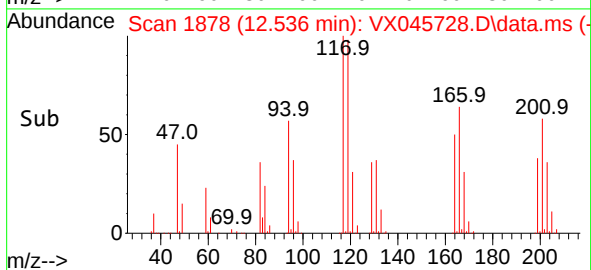
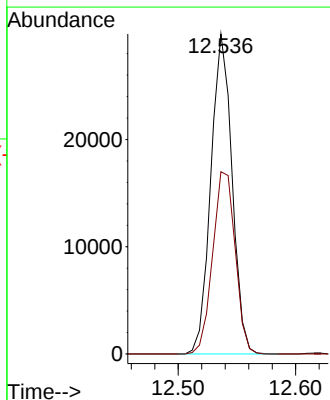
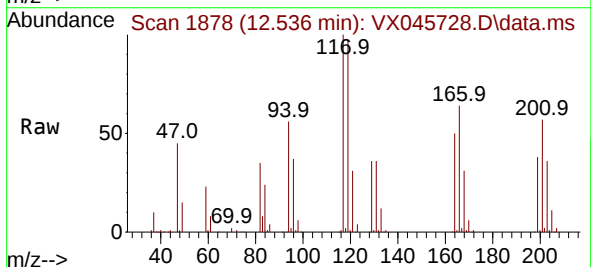
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#90
Hexachloroethane
Concen: 52.967 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

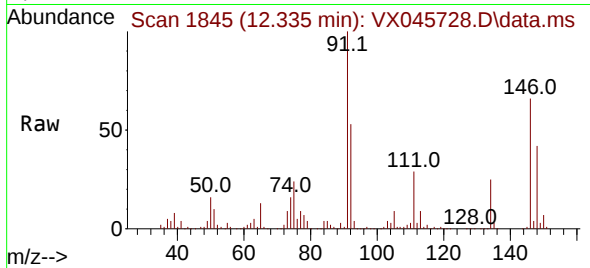
Tgt Ion:117 Resp: 37332
Ion Ratio Lower Upper
117 100
201 60.8 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 51.994 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

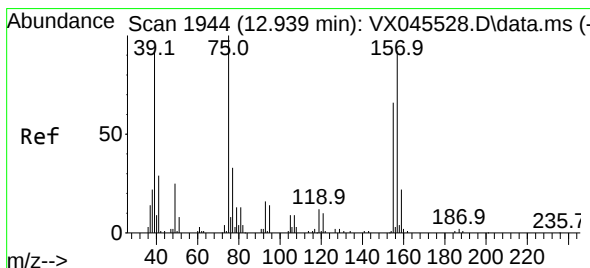
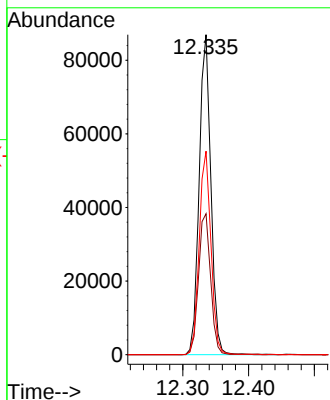
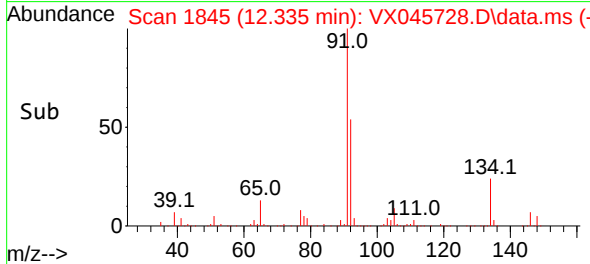
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



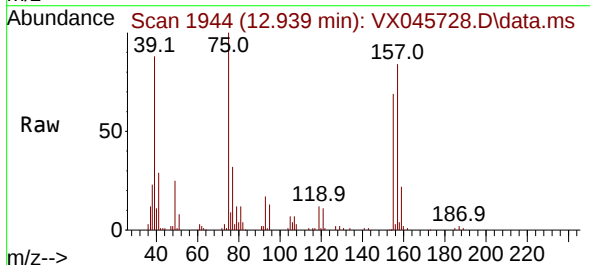
Tgt Ion:146 Resp: 107558
Ion Ratio Lower Upper
146 100
111 45.6 22.9 68.8
148 63.8 31.9 95.5

Manual Integrations
APPROVED

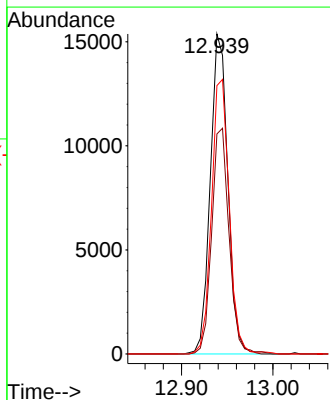
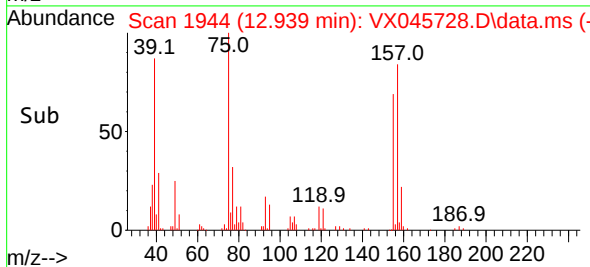
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

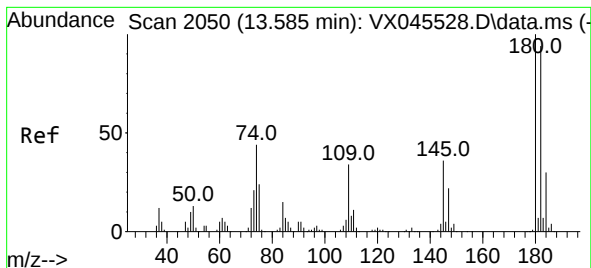


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.539 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



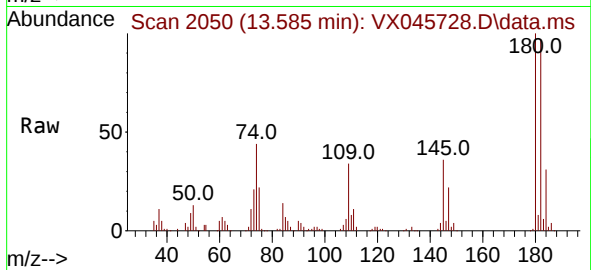
Tgt Ion: 75 Resp: 20549
Ion Ratio Lower Upper
75 100
155 69.4 34.9 104.7
157 86.5 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 52.124 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

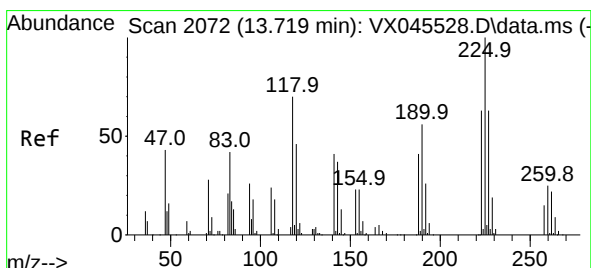
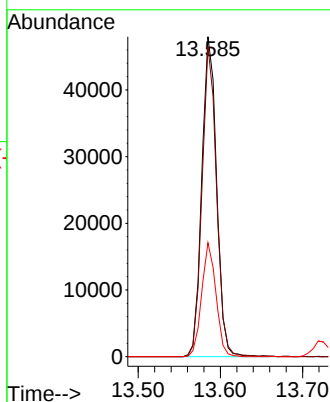
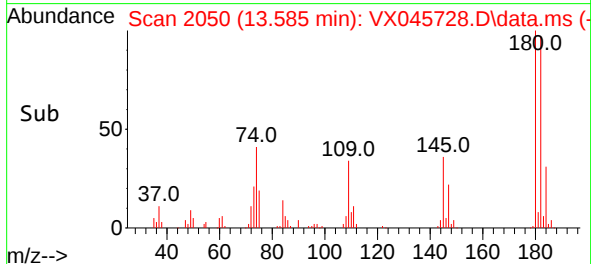
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



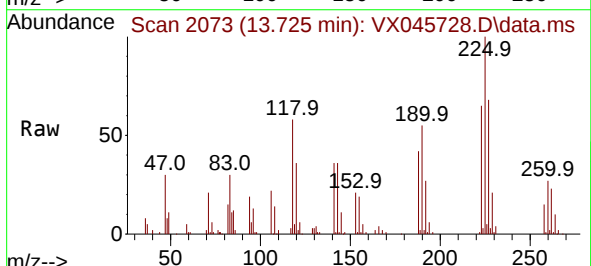
Tgt Ion:180 Resp: 60020
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 34.3 17.9 53.8

Manual Integrations
APPROVED

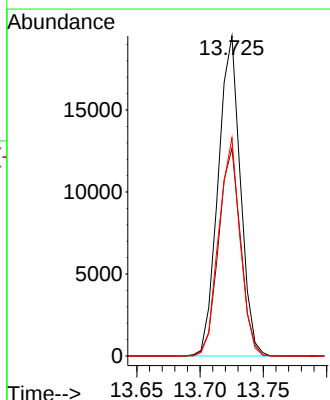
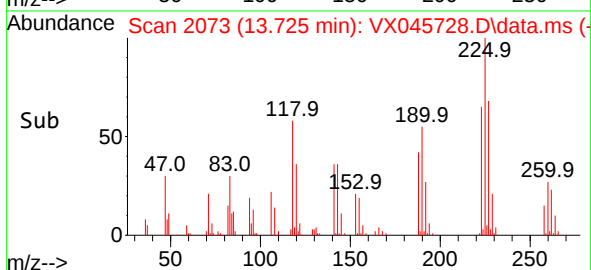
Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

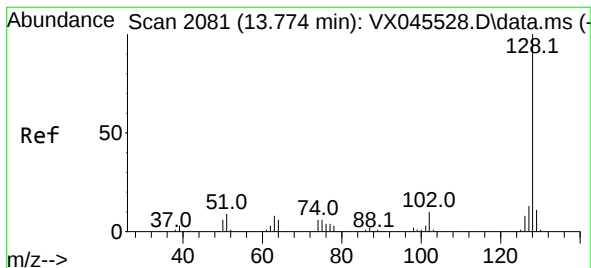


#94
Hexachlorobutadiene
Concen: 47.970 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45



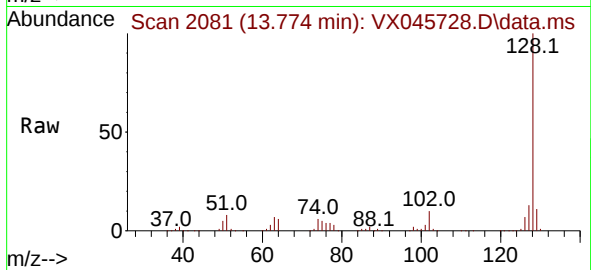
Tgt Ion:225 Resp: 23802
Ion Ratio Lower Upper
225 100
223 64.2 31.1 93.3
227 65.1 32.2 96.6





#95
Naphthalene
Concen: 55.671 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

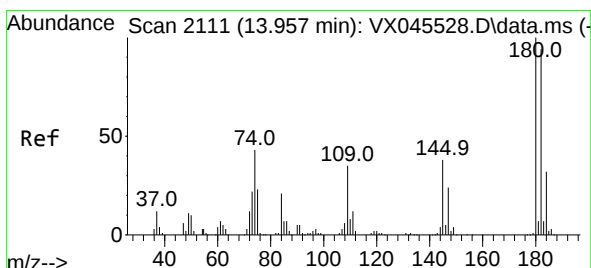
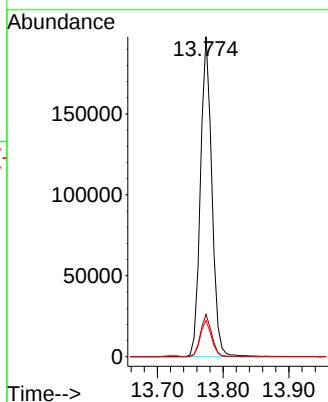
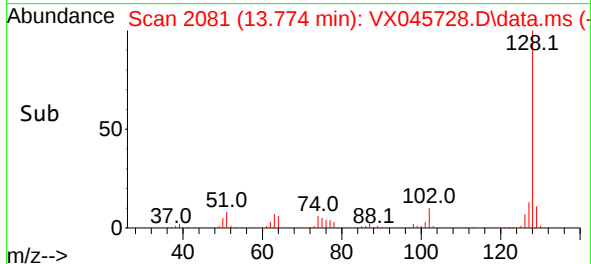
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 23855
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.677 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045728.D
Acq: 11 Apr 2025 09:45

Tgt Ion:180 Resp: 64721
Ion Ratio Lower Upper
180 100
182 92.0 47.3 141.8
145 36.4 18.2 54.6

